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62, 65
SEED CORN SPECIALISTS

OSCAR H. WILL & CO.

• BISMARCK • NORTH • DAKOTA •

A Premium for Early Orders

For every retail cash mail order of \$2.00 or more for vegetable seeds and flower seeds received by us before March first, we offer a discount in the form of additional free goods to the amount of ten per cent of the order. No discount on orders received after March 1. For every order for nursery stock and seed corn we offer five per cent discount under the same conditions.

BRARY
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JAN 6 1931 ★

U. S. Department of Agriculture.

FALCONER CORN

PIONEER SEED
HOUSE NURSERY
& GREENHOUSES
of THE NORTHWEST



1883

48th ANNUAL CATALOG

Vegetable Seed Trials

1931

John G. Grant

WILL'S SWEET PEA COLLECTION



WILL'S SWEET PEA COLLECTION

will give you a sixty foot row of the finest varieties we know. One packet each of the following:

Austin Frederick Improved—Pure Lavender.

Avalanche—Glistening White.

Brilliant Rose—Tyrian Rose.

Commander Godsall—Violet Blue.

Crimson King—Oxblood Crimson.

Fluffy Ruffles—Rich Salmon Suffused Rose Pink.

Mary Pickford—Cream Pink.

Mrs. A. Searles—Salmon Cerise.

Olympia—Rich Purple.

Pinkie—Largest Rose Pink.

Reflection—Clear Blue.

Royal Scot—Brilliant Orange Scarlet.

Warrior—Giant Maroon.

What Joy—Rich Primrose Yellow.

Fourteen Packets, which if purchased separately would cost \$1.40, postpaid to you, \$1.00. The above varieties and our **mixtures** of Sweet Peas are listed on pages 9 and 10.



To Our Customers and Friends:

We hand you herewith our yearly contribution, our 48th Annual Catalog, and wish you all a much happier and more prosperous year of 1931 than the past year has been. Prices were poor, crops were short and weather was dry and hot this past year. Most of us seem to have survived, however, and not so badly when we diversified our crops and raised most of our living from the vegetable garden. Corn and Alfalfa were much better crops than wheat and oats, as they nearly always are. So we believe it is good advice to urge the planting of sweet clover, alfalfa and plenty of corn, together with a good big vegetable garden if you would make the most of all the farming opportunities. We know that we can supply the seed of these particularly desirable crops in better selection than can anyone else. We have been specializing in the seed and nursery requirements of the Northwest for some fifty years now and we feel that we are better acquainted with them than anyone else can be.

Last year we had the largest number of orders that have ever been received in one year. For them we wish to thank all of you who helped to swell the number. From the rest of you we ask only an opportunity to prove to you the value of our goods.

Sincerely,

OSCAR H. WILL & CO.

MONEY SAVING COLLECTIONS

Will's Sweet Corn Collection

This collection is designed to give Corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:

Will's Early June	Improved Early Dakota
Nuetta Sunshine	Golden Bantam
	Banana Cream

Stowell's Evergreen

The Price of the Collection,
Postpaid **50c**

Special Flower Seed Collection No. 2

For School Children

To children interested in flowers we offer seven packets of flower seeds of our selection for 25c.

Seven Packets,
Postpaid **25c**

Will's Pioneer Indian Collection

Seven packets of the same vegetable varieties grown by the Indians of this section long before the white man ever saw North Dakota. Interesting and valuable.

One packet each of the following:

Arikara Watermelon	Arikara Squash
Nuetta Sweet Corn	Mandan Squash
Arikara Yellow Bean	Omaha Pumpkin

Postpaid
Price, **30c**

We offer also a special Indian garden collection for Scout camps and similar uses.

14 Packets of Indian Varieties,
Postpaid **75c**

SEE PAGE 43 FOR OUR LEADER GARDEN SEED COLLECTION. Other collections on pages 3, 42, 43, 60, 64, 65, 69, 70, 71, 77, 79; also on inside front and inside and outside back covers.

FREE PREMIUMS

With every order for vegetable and flower seeds of \$10.00 or more, for seed grain or nursery stock of \$15.00 or more we shall be glad to furnish on request one large white thermometer 13 1/2 in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

Special Onion Seed Premium. The book "Onions," by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

A PREMIUM FOR EARLY ORDERS

For every retail cash mail order of \$2.00 or more for vegetable seeds and flower seeds received by us before March first, we offer a discount in the form of additional free goods to the amount of ten per cent of the order. In other words, we give one dollar's worth of free goods with every order amounting to ten dollars. No discount on orders received after March 1. For every order for nursery stock and seed corn we offer five per cent discount under the same conditions.

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on good banks are accepted, but customers must pay exchange. U. S. stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 300 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotations F. O. B. here or sending goods "by freight or express" means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in com-

mon with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

Parcel Post Rates

Limit of weight in zones 1, 2, and 3 is 70 lbs. Weight limit for zones 4 to 8 inclusive, is 50 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

For Zones 1 and 2—One pound is 7c. Add 1c per pound to 7c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 7c plus 6 additional pounds at 1c per pound, or 13c.

Zone 3—One pound is 8c. For each additional pound add 2c.

Zone 4—One pound is 8c. For each additional pound add 4c.

Zone 5—One pound is 9c. For each additional pound add 6c.

Zone 6—One pound is 10c. For each additional pound add 8c.

Zone 7—One pound is 12c. For each additional pound add 10c.

Zone 8—One pound is 13c. For each additional pound add 12c.

Will's Old-Fashioned Flower Garden Collection

SEE PAGE 42

1 pkts. *Antirrhinum Maximum*.
 1 pkts. *Mixed Bachelor's Button*.
 1 pkts. *Balsam, Camellia-Flowered*.
 1 pkts. *Cosmos, Early Mammoth Flowering Single Mixed*.
 1 pkts. *Dianthus*.

1 pkts. *Helichrysum, Strawflower*.
 1 pkts. *Hollyhocks, Single Mixed*.
 1 pkts. *French Mixed Marigold*.
 1 pkts. *Mignonette, Machet*.
 1 pkts. *Phlox Drummondii*.
 1 pkts. *Poppy, Carnation*.

1 pkts. *Single Portulaca*.
 1 pkts. *Stocks, Ten Weeks*.
 1 pkts. *Sweet William*.
 1 pkts. *Zinnia, Dahlia-Flowered*.
 1 oz. *Dwarf Mixed Nasturtiums*.
 1 oz. *Imperial Mixed Sweet Peas*.

Special for This Collection 15 packets and 2 ounces of seeds of these beautiful flowers—value \$1.25. Special Price..... **75c** POST PAID

Will's Flower Seed All Flower Seeds Prepaid

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

(A) **Annuals**—These complete the cycle of growth, flowering, and death, the first year.
 (B) **Biennials**—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.
 (P) **Perennials**—These live and flower year after year.
 (T) **Tender**—Plants so marked should be started inside and transplanted after danger of frost is past.
 (C) **Climbing Plants**.

Pioneer Aster (A)

EARLY WHITE WONDER or **EXPRESS**. The best extra early white variety with good sized, double flowers borne on good stiff stems. Pkt., 10c; 1/4 oz., 85c.

EARLY ROSE WONDER or **EXPRESS**. The earliest blooming pink Aster, with large, full flower. Pkt., 10c; 1/4 oz., 85c.

CRIMSON CREGO. A midseason variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all around sort. Pkt., 10c; 1/4 oz., 45c.

LAVENDER CREGO. Season, form and habit the same as the Crimson Crego, but with lavender blossoms. Pkt., 10c; 1/4 oz., 45c.

PURPLE CREGO. Another color in the glorious Crego family. Pkt., 10c; 1/4 oz., 45c.

JAPANESE or **MIKADO**. Also known as Rochester. A midseason giant-flowering variety of branching habit, growing about 2 feet high. The long, narrow petals bend and curl on each other to make this the fluffiest Aster of them all. All colors mixed. Pkt., 5c; 1/4 oz., 35c.

For Aster Plants, See Page 61.

AGERATUM. (A). One of the best border and bedding plants, blooming from early Summer to frost. Grows 10 inches tall. Blue Perfection. Pkt., 5c; 1/4 oz., 20c.

Album White. Pkt., 5c; 1/4 oz., 20c.

ALYSSUM. (A). One of the finest annuals we have for edging; very dwarf and blooming from early in the season until frost. Sweet Alyssum (Maritimum). Honey-scented white blossoms. Pkt., 5c; 1/4 oz., 15c.

Lilac Queen. Deep lavender lilac blossoms. Pkt., 5c; 1/4 oz., 20c.

ANTIRRHINUM—SNAPDRAGON. Maximum Giant Flowered. (A). The newest in Snapdragons and a marked advance in size of bloom and brilliancy of color. Readily raised from seed in any sunny bed. Spring seedlings bloom by midsummer, and, if cut freely, the flowering is continuous until Fall. If then taken up, cut back, and potted, plants will bloom in the house during the Winter. One of the finest flowers for cutting. Our mixture is unexcelled. Pkt., 10c; 1/4 oz., 45c.

BACHELOR'S BUTTON—CORN-FLOWER (Centaurea cyanus).

(A). This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers.

Double Blue (Florists' Strain). Pkt., 5c; 1/4 oz., 20c.

Double Mixed. Pkt., 5c; 1/4 oz., 15c.

BALLOON VINE. (A-C).

Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff." The flower is insignificant, but the plant is a rapid and graceful climber. Pkt., 5c; oz., 25c.

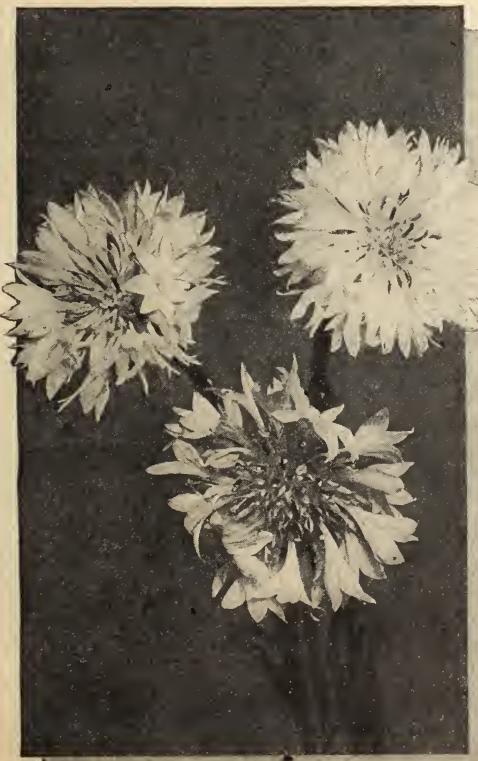
BEANS. Scarlet Runner. (A-C).

This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pealike blossoms. Pkt., 5c; 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 60c.

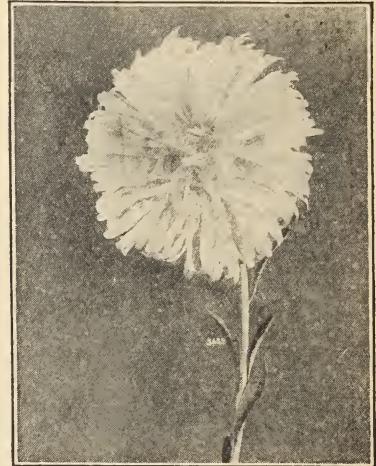
BEE BALM—SPIDER PLANT.

(A). A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spiderlike purple flowers in August. Pkt., 5c.

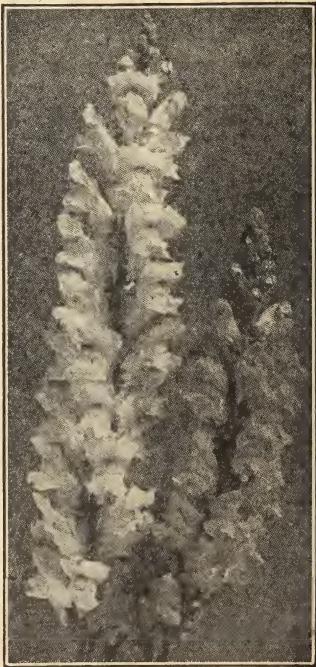
If you wish any sort of Flower Seed not listed here, ask us about it. If we do not have it, we can get it, or tell you where it may be procured.



Bachelor's Button.



Japanese Aster.



Antirrhinum—Snapdragon.



Double Camellia-Flowered Balsam

CALLIOPSIS — TICKSEED. Dwarf Mixed. (A). A showy and free-flowering annual, blooming all Summer and excellent for cutting and massing. We offer a mixture of the finest strains. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

CANARY BIRD FLOWER. (A-C). A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

CANNA. Crozy's Dwarf. (P-T). This is a large flowering French strain and ordinarily blooms the first year from seed. The tropical foliage is surmounted by spikes of bloom in glowing colors. Pkt., 10c; $\frac{1}{2}$ oz., 25c.

CANTERBURY BELLS — CAMPANULA MEDIUM. Single Mixed. (B). The old-fashioned favorite, with its bell-like blooms, is easily grown from seed and one of the earliest and most attractive of the hardy border plants. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

CARNATION. Dwarf Margaret. (P). Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom 4 months from seed, and may be cut back and planted in pots for Winter blooming. With slight covering they will live out all Winter. Pkt., 10c; $\frac{1}{4}$ oz., 30c.



Clarkia—Double Mixed

CENTAUREA IMPERIALIS. Giant Sweet Sultan. (A). The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CHINESE LANTERN PLANT — PHYSALIS FRANCHETTI. (P). Produces lantern-like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the Winter. Pkt., 10c; $\frac{1}{4}$ oz., 40c.

CHRYSANTHEMUM CORONARIUM — FRENCH MARGUERITE. (A). These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the Spring months. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

CLARKIA. Double Mixed. (A). This popular hardy annual is easily grown with most beautiful results. One of the best for clay soils. Our mixture contains rosy purple, rose, salmon, and white. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Carnation—Dwarf Margaret

BALSAM — LADY SLIPPER. Double Camellia-Flowered. (A). An old favorite. It likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. All colors mixed. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

BOUNCING BET — SAPONARIA OFFICINALIS. (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phloxlike heads of white or pinkish white blooms. It blooms throughout most of the summer. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CALENDULA — POT MARIGOLD.

Orange King. (A). Ours is a deep orange, very double, large flowering strain of this showy, hardy and most satisfactory plant. It grows anywhere and blooms from midsummer until frost. Pkt., 5c; $\frac{1}{4}$ oz., 20c.



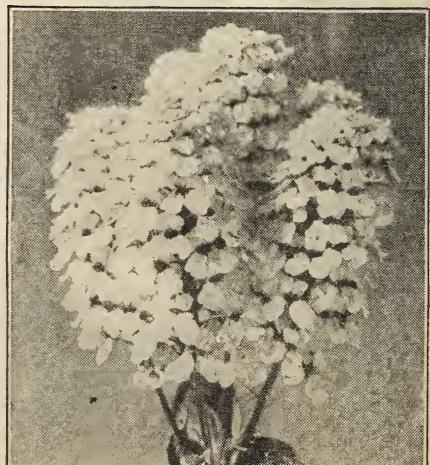
CARNATION. Chabaud Mixed. (P). This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 55c.

CATCHFLY. (A). A bright-colored, free-flowering annual, largely grown for Spring flowering and used in borders and rockwork. It succeeds in any light, loamy soil. Our mixture embraces the white, red, and rose-flowering strains. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

CANDYTUFT. Giant White Hyacinth-Flowered. (A). fine stock of this sturdy, compact, free-flowering border plant, with snowy white flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CANDYTUFT. Giant Flowering Mixed. (A). This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots or borders. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

CELOSIA CHILDSI — CHINESE WOOLFLOWER. (A). Plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. The red, pink and yellow blooms of our mixture start early and do not fade until frost. This is fine for mass planting or for growing along the driveway or next to the house. Pkt., 10c; $\frac{1}{4}$ oz., 45c.



Giant Flowering Candytuft



Double Crested Cosmos

COBAEA SCANDENS. Cathedral Bells. (A-C). Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 10c; $\frac{1}{4}$ oz., 30c.**

COSMOS

EARLY MAMMOTH FLOWERING SINGLE MIXED. (A). We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late Summer with huge blossoms. A fine annual hedge. **Pkt., 5c; $\frac{1}{4}$ oz., 20c.**

EARLY FLOWERING DOUBLE CRESTED MIXED. (A). This new class, sometimes called Anemone flowered, is the best of all Cosmos for cutting and one of the finest subjects for mass planting. Although this is a new variety, it comes practically true from seed, but a small percentage of single blooms must be expected. **Pkt., 10c; $\frac{1}{4}$ oz., 65c.**

WILD CUCUMBER. (A-C). The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For Spring planting scald before sowing. **Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c.**

CYPRESS VINE. (A-C). A most beautiful climber with dark green fernlike foliage and mass of beautiful star-shaped flowers. **Pkt., 5c; $\frac{1}{2}$ oz., 25c.**

SUMMER CYPRESS—BURNING BUSH. (A). A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c; $\frac{1}{2}$ oz., 15c.**

DAHLIA, DOUBLE. A mixture of seeds from the best varieties. **Pkt., 10c.**



Single Early Cosmos



Shasta Daisy

HELIANTHUS. Chrysanthemum Flowered. The flowers are immense, from 12 to 15 inches in diameter and extremely double. Especially adapted for hiding unsightly places. **Pkt., 5c; oz., 35c.**

HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER. (A). This is the old-fashioned, heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**

TELIOTROPE. (A-T). A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 10c; $\frac{1}{4}$ oz., 65c.**

DAISIES

SHASTA DAISY. Alaska. (P). This hardy perennial can be grown out of doors anywhere with light Winter protection. The flowers are large with white, cream and yellow colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 10c; $\frac{1}{4}$ oz., 90c.**

DOUBLE DAISY—BELLIS. (P). Dainty Spring flowering, shade-loving plants, suitable for borders and low beds. **Pkt., 10c; $\frac{1}{4}$ oz., 40c.**

AFRICAN DAISY. Dimorphotheca Aurantiaca Hybrids. (A). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow about one foot high and enjoy a sunny location. This is one of the loveliest of flowers. **Pkt., 10c; $\frac{1}{4}$ oz., 30c.**

For Shasta Daisy Roots, See Page 74.

DIANTHUS. Chinese Pink. (A & P). Like its relative, the carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; $\frac{1}{4}$ oz., 20c.**

DIGITALIS—FOXGLOVE. (P). Easily grown perennial attaining a height of from 2 to 4 feet and producing long spikes of beautiful tubular-shaped flowers. **Pkt., 5c; $\frac{1}{4}$ oz., 25c.**

FORGET-ME-NOT. (P). These charming little favorites succeed best in cool, moist soils, blooming most freely during the Spring and Fall months. If lightly covered, they will live through the Winter and will bear even more profusely the second Spring than the first. **Pkt., 10c; $\frac{1}{4}$ oz., 40c.**

FOUR O'CLOCK. Marvel of Peru. (A). A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. A good annual hedge. **Pkt., 5c; oz., 20c.**

GERANIUM. (A). Sown early in the Spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

GOURDS. Ornamental Mixed. (A-C). A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; oz., 25c.**

GYPSOPHILA ELEGANS GRANDIFLORA ALBA—ANGEL'S BREATH. (A). An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. **Pkt., 5c; $\frac{1}{4}$ oz., 15c.**

(A). The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. Especially adapted for hiding unsightly places. **Pkt., 5c; oz., 35c.**

HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER. (A). This is the old-fashioned, heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**

TELIOTROPE. (A-T). A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 10c; $\frac{1}{4}$ oz., 65c.**



Dianthus—Chinese Pink



Helichrysum.

HELICHRYSUM — EVERLASTING or STRAWFLOWER. (A). Much prized for durable bouquets and Winter decoration. To dry, gather flowers when partly unfolded and hang heads down in a cool place. Finest mixed. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

HOLLYHOCK. Pioneer Double Mixed. (P). Tall, stately, majestic, our strain of this old-fashioned favorite can not be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all shades. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

HOLLYHOCK. Bismarck Single Mixture. (P). Many prefer the single Hollyhocks to the doubles. The single sorts are slightly hardier, more vigorous and rust resistant. Our mixture will be found very satisfactory. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

HOLLYHOCK. Annual Double Finest Mixed. (A). If sown in open ground in May these will bloom in August. Earlier blooming may be obtained by starting indoors. Continuously covered by large flowers in variety of colors. Double and semi-double. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

For Hollyhock Roots, See Page 73.

ICE PLANT—MESEMBRYANTHEMUM CRYSTALLINUM. (A). A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

LARKSPUR—DELPHINIUM. Annual Tall Stock-Flowered Mixed. (A). The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. For early blooming, start indoors. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

LARKSPUR—DELPHINIUM. Perennial Finest Mixed. (P). Especially striking as background for borders, this quick-growing, free-flowering, old-fashioned perennial with its erect spikes of beautiful blossoms holds first rank. For blooms the first year, start indoors. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

For Perennial Larkspur Roots, See Page 72.

LAVATERA. Rosea Splendens, Swiss Rose. (A). An annual Mallow, showy and effective for either large borders or cutting, with very large, bright rose flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

LOBELIA. Crystal Palace compacta. (A). One of the best and most popular border plants, bushy, 6 inches high, with dark foliage and deepest blue flowers which fairly cover the plants throughout the season. Pkt., 10c; $\frac{1}{4}$ oz., 95c.

MIGNONETTE. Machet. (A). The best everblooming strain for either outdoor or inside planting. It is of dwarf pyramidal growth, with highly colored and very fragrant. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

numerous flower stalks. The blossoms are highly effective for either large borders or cutting, with very large, bright rose flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

FINEST MIXED MORNING GLORY—CONVOLVULUS MAJOR. (A-C). A fine mixture of the old-fashioned, yet ever popular climber. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

JAPANESE MORNING GLORY—IPOMOEA IMPERIALIS. (A-C). The delicately colored flowers range from snow-white to black purple. Requiring a warm situation for best growth, the vines will frequently make 18 feet in a Summer. The leaves are extremely attractive in their variations. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 75c.

MARIGOLD. The Eldorado—Tall African Double. (A). The plants grow 2½ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of colors; the lightest primrose, lemon, golden yellow, and deep orange. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

MARIGOLD. French Mixed. (A). A dwarf strain forming ball-like bushes 1 foot high, of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

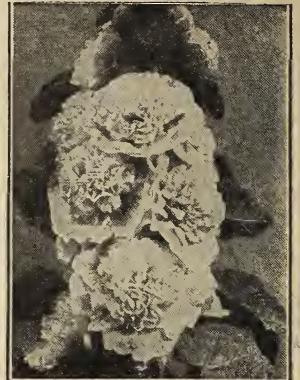
Nasturtiums

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. (A). Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart, and when well started, thinned to 10 inches in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.

WILL'S SUPERB TALL MIXED NASTURTIUMS. (A-C). Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from Spring to Fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection, which we feel deserves a place in every garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.



Dwarf Mixed Nasturtiums.



Pioneer Double Hollyhock.



Perennial Larkspur.



Eldorado Marigold.

NIGELLA—(Love-In-A-Mist). Miss Jekyll. A favorite, compact growing plant in whose fine feathery foliage nestle lovely double blue flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

NICOTIANA. Affinis Hybrids. (A). Our splendid hybrids give a profuse display of delightfully sweet-scented, showy, many shaded blooms from July until frost. The bushy plants are from 2 to 3 feet high. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

PHLOX. Drummondii Grandiflora. (A). Of all Summer flowering annuals, Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

Petunias (A)

Culture. The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

PRIZE DOUBLE. Our large flowering, fringed strain is the best Double Petunia seed obtainable. At least 50 per cent of the plants produced will have double or semi-double blooms. The intensely careful work necessary in pollinating and harvesting makes our seed worth its weight in gold. Pkt., 20c; 2 pkts., 35c.

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the highest colors and most striking markings. Pkt., 10c; $\frac{1}{4}$ oz., 55c.

ROSY MORN. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c; $\frac{1}{4}$ oz., 90c.

For Single and Double Petunia Plants, See Page 61.

PENTSTEMON GRANDIFLORA—BEARD TONGUE. (P). One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

Will's Pansies (P)

Culture. Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. Pkt., 15c; 2 pkts., 25c; $\frac{1}{4}$ oz., \$2.00.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, Will's Premium Mixture has large blooms in complete

color range, and will please everyone who enjoys Pansies and can appreciate quality of color, shape, and substance. Pkt., 5c; $\frac{1}{4}$ oz., 75c.

For Pansy Plants, See Page 61.

PORTRULACA—ROSE MOSS. (A). A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting.

Double Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 80c.
Single Mixed. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

PRIMROSE or PRIMULA. (T-A). Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the Fall and continue through the Winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. Pkt., 10c.



Double Portulaca.



Phlox Drummondii.



Royal Show Pansies.

POPPIES (A)

MIXED CARNATION POPPY. This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

FLANDERS POPPY. Hardy and easily grown, the vivid scarlet-red flowers cannot be surpassed for effect when massed in solid beds. The official flower of the American Legion. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CALIFORNIA POPPY or ESCHSCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silver-gray foliage. Seed should be sown thinly and early in the Spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in half ounces. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

MIXED ORIENTAL POPPY. (P.) Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the blooms are immense, frequently six inches across. Pkt., 10c; $\frac{1}{4}$ oz., 70c.

SHIRLEY POPPY. The strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

BLUE MAW POPPY. This seed is not intended for planting, but is used in cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country. $\frac{1}{4}$ lb., 15c; 1 lb., 40c, postpaid.

RICINUS—CASTOR BEANS. (A.) Strong growing ornamental plants of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c.

SALVIA. Clara Bedman or Bonfire. (T-A.) Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. It makes a good pot plant and does well in window boxes, but is best used as a hedge or border plant for brilliant color effect. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

SCHIZANTHUS—BUTTERFLY FLOWER. Wisetonensis. (A.) Also called "Poor Man's Orchid." One of the daintiest of annuals, of easiest culture, this very early and bright butterfly-like flowers in wide range of color and bi-color. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

California Poppy—Eschscholtzia

bloomer is completely covered with small but bright butterfly-like flowers in wide range of color and bi-color. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

SNOW-ON-THE-MOUNTAIN—EUPHORBIA VARIEGATA. (A.) A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much used in mixed borders and as a background for lower growing plants. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

STOCK. Dwarf Ten Weeks. (A.) The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

SWEET ROCKET—HESPERIS. (B.) An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. Pkt., 10c; $\frac{1}{2}$ oz., 30c.

SCABIOSA—MOURNING BRIDE. (A.) Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

SALPIGLOSSIS. Superbissima or Emperor. "Velvet Flower or Painted Tongue." (A.) A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, violet, yellow and reddish bronze. Pkt., 10c; $\frac{1}{4}$ oz., 35c.



Dwarf Ten Weeks Stocks



Salpiglossis

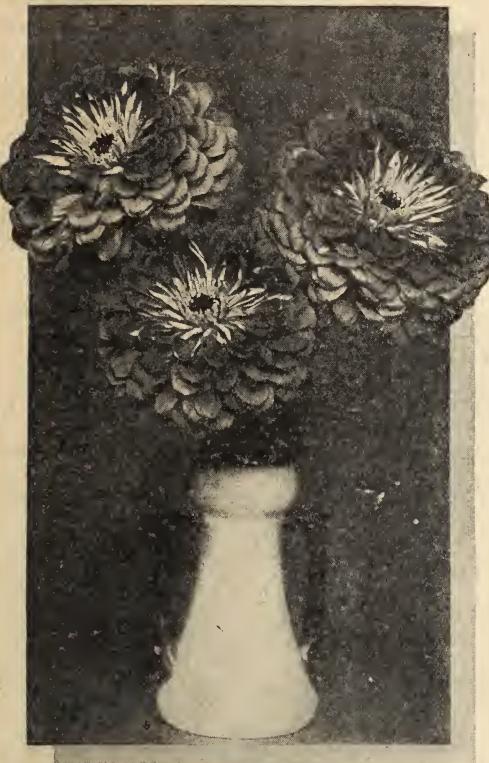


Carnation Poppy



Scabiosa—Mourning Bride

SWEET WILLIAM. *Dianthus Barbatus.* (P). These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 10c; $\frac{1}{4}$ oz., 25c.



Dahlia-Flowered Zinnia—Gold Medal Mixture.

RUFFLED SPENCER MIXED SWEET PEAS. The newest and finest in Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double; a treat for all lovers of Sweet Peas. Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb., \$2.75; $\frac{1}{2}$ lb., \$4.75; 1 lb., \$9.00.

WILL'S IMPERIAL MIXED SWEET PEAS. A blend of all the best Spencer Strains and the old, but ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.

WILL'S GIANT SPENCER MIXED SWEET PEAS. A blend in proper proportions of many splendid varieties of the large waved Spencer or orchid-flowered type throughout the whole range of color. Not in bloom as early as the Early Flowering, this mixture will give stronger growth to vine and will bloom later. This mixture has involved careful selection and we highly recommend it. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00.

More Sweet Peas Listed On Next Page.



Treat Sweet Peas with
NITRAGIN

Garden Size 25c, Postpaid—See Page 59.



Sweet William.

VERBENA HYBRIDA. *Mammoth Choice Mixed.* A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and include all the brighter shades. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

ZINNIA. *Dahlia Flowered—Gold Medal Mixture.* (A). The Dahlia Flowered Strain is the biggest advance in the development of the Zinnia to date. This old-fashioned favorite is much used for bedding and borders and lately for cutting. Few flowers are more easily grown or bloom more abundantly. With this new strain you can have larger, handsomer, and more brilliant Zinnias than ever before. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.50.

Choice Mixed Sweet Peas

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.



Will's Giant Spencer Sweet Peas



Early Flowering Spencer Sweet Peas.

AUSTIN FREDERICK IMPROVED. The large pure lavender flowers are borne on long stiff stems with fours predominating. We regard this variety as the best lavender Sweet Pea. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

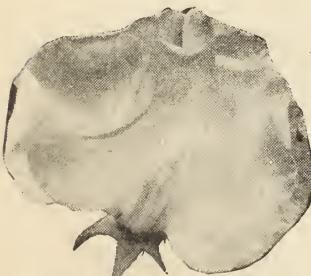
AVALANCHE. A pure glistening white and the best white we know. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

BRILLIANT ROSE. A lovely bright rose, and the most desirable of its color class. The large, beautiful flowers are borne on long stems. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

COMMANDER GODSALL. A free blooming deep violet-blue. Pkt., 10c; oz., 30c.

CRIMSON KING. Probably the finest Sweet Pea of a true crimson shade. A bold flower of excellent shape. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

FLUFFY RUFFLES. An exquisite light cream pink. A great big flower ruffled and frilled. Pkt., 10c; oz., 60c; $\frac{1}{4}$ lb., \$2.00.



Pinkie.

REFLECTION. The best clear blue. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

ROYAL SCOT. A brilliant orange-scarlet that does not fade or burn in the hottest sunshine. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

WARRIOR. A rich chocolate-maroon shaded lightly with bronze, a free bloomer and strong grower. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c.

WHAT JOY. A rich deep primrose-yellow. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.10.

Will's Sweet Peas

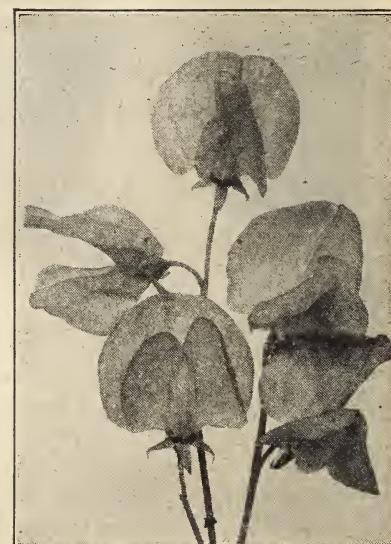
EARLY FLOWERING SPENCER MIXTURE. These bloom two weeks before the standard Spencer varieties, but with the same large, waved flowers. They have replaced the standard Spencers in greenhouse planting and, though they do not grow quite as tall, their earliness and long season of bloom make them invaluable in outdoor planting, particularly in the short season north. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.65; 1 lb., \$3.00.

Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties. About 100 seeds in a packet.

SWEET PEA OFFER

One regular packet of each of the 14 varieties of Sweet Peas listed below, \$1.00. If purchased separately would cost \$1.40. Will sow 80 feet of row.



Brilliant Rose.

Feed everything you grow
VIGORO
Specially prepared plant food

SEE PAGE 59.

It might interest you to know that Zinnia Seed purchased from you last spring has produced blooms measuring $5\frac{1}{4}$ inches in diameter, and in a range of beautiful shades; not the usual crude colors found in Zinnias.—Mrs. L. D. Underdahl, Glen Ullin, N. D.

Will's Pioneer Vegetable Seeds Grow Quick

WILL'S SEEDS Stand for EARLINESS and HARDINESS. Back of WILL'S SEEDS Are FORTY-EIGHT YEARS of EXPERIENCE.



Will's Hardy Garden Seeds, Acclimated to the Northwest, do Well Everywhere.



Planting Table for Vegetables

Ft. of row for five persons	Kind of Vegetable	Dist. apart of plants in rows (in.)	Least Dist. between rows (inches)	Seed for 100 feet of row
200	*Beans—Dwarf, Snap...	2-5	20	1 1/2 lbs.
100	Beans—Dwarf, Lima...	6	20	1 1/2 lbs.
150	*Beets	2-4	18	1 oz.
200	Cabbage	16-24	24	50-75 plants.
50	Cauliflower	16-24	24	50-75 plants.
50	*Carrot	2	18	1 oz.
50	Celery	4-8	18	200 plants.
500	*Corn, Sweet	16-36	30	1/4 lb.
100	Cucumber	48	Hills 48	1/2 oz.
25	Eggplant	20-30	24	50 plants.
150	*Lettuce	4-8	Beds 6	1/2 oz.
150	Melon	Hills 72	72	1/2 oz.
300	Onions	4-6	14	1/2 oz.
200	Onions, from sets	2-3	16	3 sets sets.
50	Parsnip	3-5	18	1/2 oz.
300	*Peas	3 1/2-1 1/2	30	2 lbs.
25	Peppers	16	24	20 plants.
800	Potatoes, Early	14-18	30	1/2 peck.
150	*Radish	1-2	16	1 oz.
200	*Spinach	1-3	18	1 oz.
25	Squash, Summer	Hills 42	42	1/2 oz.
100	Tomato	30	36	40 plants.
800	*Turnip	2-4	18	1/2 oz.

These vegetables marked* should not be planted at one time, but a part at intervals of 2 or 3 weeks to secure a continuous supply.

Asparagus

Culture. One ounce will sow fifty feet of drill. Sow early in Spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

WASHINGTON. The new rust resistant variety developed by the experts of the U. S. Department of Agriculture which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigree strain; the rich, dark green stalks are long, thick and heavy. Pkt., 10c; oz., 35c; 1/4 lb., \$1.20; 1 lb., \$3.25, postpaid.

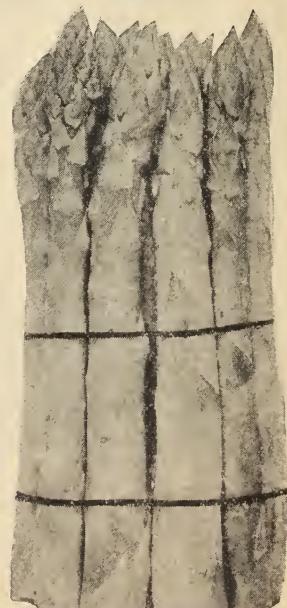
Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

For Our Leader Collection

15 Packets of Our Leading Varieties of Vegetables for 60c.

See Page 2.

If you use large quantities of Garden Seeds, let us quote on your requirements.



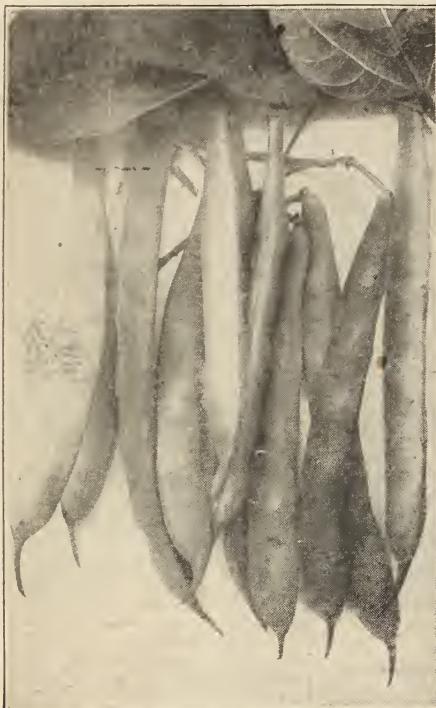
SEE
PAGE
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ASPARAGUS ROOTS

WASHINGTON (Rust Proof). Two-year-old roots. Per doz., 40c; 50, \$1.25; 100, \$2.25, postpaid. Not prepaid, 50, \$1.15; 100, \$2.00.

MARY WASHINGTON. This is the most perfect and heaviest bearing of the various Washington strains, originated by the U. S. Dept. of Agriculture, which have worked such a revolution in asparagus varieties. Two-year roots. Per doz., 50c; 50, \$1.50; 100, \$2.75, postpaid. Not prepaid, 50, \$1.60; 100, \$2.50.

Washington Asparagus.



Green Pod Stringless Beans.

and brittle. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.

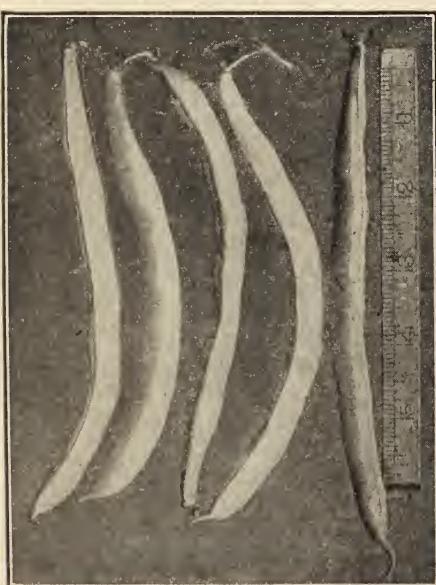


Bountiful.

PENCIL POD BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.

NEW KIDNEY WAX. A productive and high quality midseason variety, stringless, fiberless, very fleshy and brittle. The flat pods average $6\frac{1}{2}$ inches long and are an attractive, clear yellow in color. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.

UNRIVALLED WAX. An immensely productive, very early, showy sort. The fleshy pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow podded varieties. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.80.



Pencil Pod Black Wax.

I have used your splendid seeds for the past twelve years and will not plant any other.

ALBERT SMITH, Redby, Minn., Bx. 3.

Dwarf or Bush Beans

Ask for Prices on Large Lots

BOUNTIFUL. A favorite throughout the Northwest for its earliness, hardiness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality, although not quite up to the Green Pod Stringless. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80.

GREEN POD STRINGLESS.

This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless

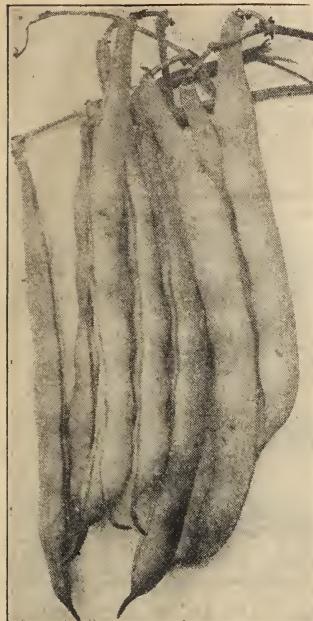
I have ordered my garden seeds and also some nursery stock from you for over twenty years and have always had good success with them.

JOSEPH WOKAL, Bowman, N. Dak., R. No. 2.



See Page 59.

Dwarf or Bush Beans—(Continued)



Sure Crop Stringless Wax.

SURE CROP STRINGLESS WAX.

A heavy yielding and delicious wax bean. Very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. An excellent main crop wax bean. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70.

IMPROVED GOLDEN WAX.

This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.



Improved Golden Wax.

POLE BEANS

KENTUCKY WONDER WAX.

The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.50.

KENTUCKY WONDER or OLD HOMESTEAD.

The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25.

BUSH LIMA

JACKSON WONDER.

This small seeded, calico colored Lima is the earliest Lima Bean we ever had in our trials and most dependable for this section. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.60.

FORDHOOK BUSH LIMA.

One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 5c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.

NEW WONDER. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.60.



Jackson Wonder Bush Lima.

ENGLISH BROAD WINDSOR.

The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c, postpaid.

I wish to tell you what wonderful Tomatoes I raised this season from Red River Seed I bought of you. Red River has everything beat in Tomatoes. Every one ripened, so smooth, solid meat, best flavor, and so many nice sized. I have raised all kinds of tomatoes but nothing like Red River.

I sold about 150 Red River plants ten inches high for \$1.00 per dozen to friends and neighbors. Every plant lived. Everybody raving about that most wonderful Red River Tomato, the talk of the neighborhood. Yours for Luck,

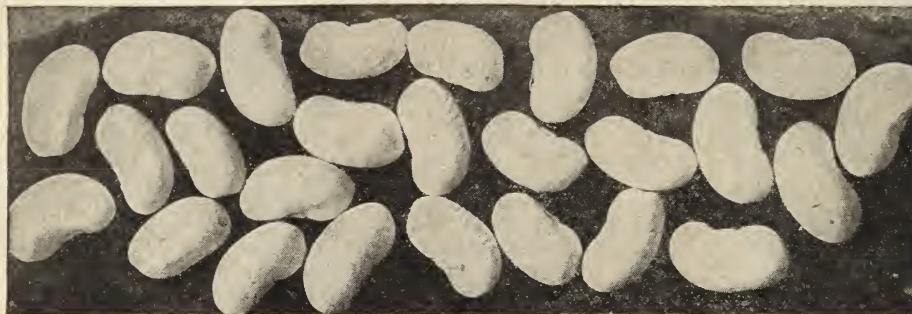
MRS. JNO. HAMMER,
Victor, Mont.

WILL'S BEANS

Culture. Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.



SEE PAGE 59.



Great Northern Baking Beans. Natural Size.

FIELD BEANS

GREAT NORTHERN. The Most Delicious Baking Bean in the World. This hardiest bean was originally obtained by us forty-five years ago from Son of a Star, an Hidatsa Indian, by whose tribe it had then been raised for many years. It is a wonderful yielder and one of the most profitable sorts that can be raised.



Great Northern Beans.

I wish to report on Great Northern Beans, and your Russet and Early Triumph Potato Eyes. With a very dry season, had remarkable results. You win my patronage next season.

With thirty seed catalogs to choose from, I gave orders to six houses, and your goods gave best results.

Yours,

ED RUBENDALL, R. No. 2, Polo, Ill.

Cooks, in considerably shorter time than pea beans, is sweeter, more tender, and more readily digestible. Grown to the exclusion of all other varieties around Billings, the Bean center of the Northwest, now used in place of the navy because of superior quality by many of the leading canners of baked Beans, and last year adopted as the standard Bean for the United States Navy. It is the fourth most largely grown variety in the country. In 1926, the last year for which figures are available, 800,000 sacks of Great Northern Beans were grown in this country; and all from a small package of Beans given to Oscar H. Will by an Hidatsa Indian. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c; postpaid. By express or freight, 10 lbs., \$1.45; 100 lbs., \$11.00.

HIDATSA RED. A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.65; 100 lbs., \$13.00.

ARIKARA YELLOW. An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.65; 100 lbs., \$13.00.

I have used your seeds for many years. Always had success with them. Many people have visited my Garden and marveled at it. The first questions the interested ones ask is where did you get your seeds? I have excellent success with Pioneer White Dent also. The Great Northern Bean is a success here. Some call them the Overton Bean and the Pioneer Dent Overton Corn, because I was the first to grow them here, and people got the seed from me. But I have always told them the real name of both articles. Yours respt.,

J. T. OVERTON, Norma, N. Dak.

Brussels Sprouts

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.25.

Borecole or Kale

GREEN CURLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1300 seeds to the packet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

Chinese Cabbage

CHIHLI — SURE HEAD STRAIN. This is the earliest, the surest header, and withstands heat better than any other strain of Chinese Cabbage. The cylindrical heads are from 20 inches to 2 feet in length, solid and white. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from $2\frac{1}{2}$ to 6 pounds. This vegetable is rapidly increasing in popularity. It is an excellent salad plant, and fine when boiled as you would Cabbage. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.



Chihi, Chinese Cabbage.

Chicory

LARGE ROOTED or COFFEE. The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early Spring use. About 2000 seeds to the packet. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c, postpaid.

Chives

SCHNITTLAUCH (Grass Onion). The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c.

Corn Salad

LARGE ROUND-LEAVED. This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c, postpaid.

Cress

UPLAND. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. About 1700 seeds to the packet. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c, postpaid.

Broccoli

ITALIAN GREEN SPROUTING. A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown and decidedly worth trying. Pkt., 10c; $\frac{1}{2}$ oz., 75c; oz., \$1.25.

Chervil

CURLED. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00, postpaid.

Gourds

NEST EGG. Resembling in color, shape and size the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and useful in covering screens, etc. About 100 seeds to the packet. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c, postpaid.

NEW JAPANESE DISHCLOTH or LUFFA. Ornamental enough for a house vine and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, besides being useful for various articles of fancy work. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Okra

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 100 seeds to the packet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

Leek

LARGE LONDON or FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c, postpaid.

Kohl-Rabi

EARLY WHITE VIENNA. This best Kohl-rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c.



White Vienna Kohl-Rabi.

Endive

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLLE. One of the best varieties for salads. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c, postpaid.

Mangels or Stock Beets

A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.

Culture. Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre. About 600 seeds in a packet.

GOLDEN GIANT. This is a yellow Mangel with white flesh, somewhat long with most of the roots above ground. It is especially notable as being the hardiest sort, withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.

MAMMOTH LONG RED. This is the heaviest cropping and the largest of all Mangels with frequent yields of 40 tons per acre. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.

RED ECKENDORF. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easy to harvest as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape,

and weigh from 15 to 25 lbs. The flesh is white, firm and of high nutritive value. This is one of the best varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 57c, postpaid. Not prepaid, 5 lbs., \$2.00.

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.

GOLDEN TANKARD. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 57c, postpaid. Not prepaid, 5 lbs., \$2.00.

Golden Giant Mangel.

GOLDEN TANKARD. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 57c, postpaid. Not prepaid, 5 lbs., \$2.00.



Mammoth Long Red Mangel.



Golden Tankard Mangel.

TAAROJE BARRES. This superior variety is a product of the Danish system of stock certification which has produced so many wonderful improved varieties. Pound for pound these Mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.

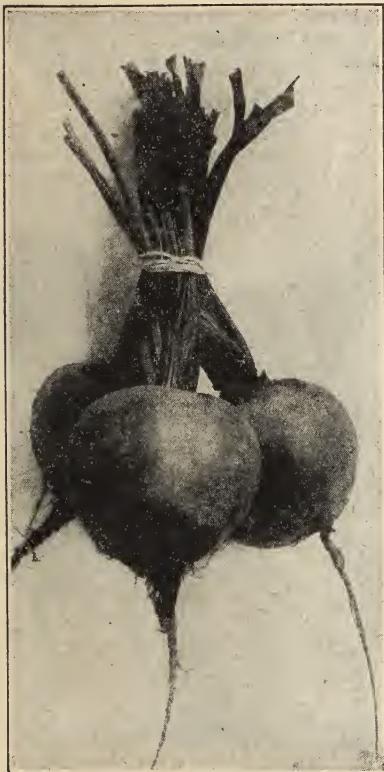
Sugar Beet

KLEIN WANZLEBEN. A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.

Beets

Culture. Sow in drills 15 to 18 inches apart as early as the ground can be worked in the Spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow fifty feet of drill; six pounds per acre. About 600 seeds in a packet.

EARLY WONDER. This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.15.



Detroit Dark Red Beet.

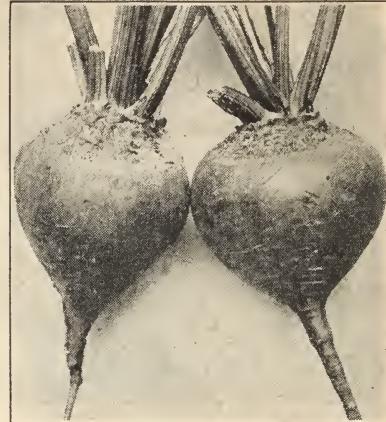
midribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 47c; lb., 85c, postpaid.

Each year I try several new kinds of Beets but I do not need to no more. I have found a beet that is wonderful. Your Improved Blood Turnip Beet was a great success last year. I was proud to pull them up and show my friends, for they were perfect in shape and looks, and was glad to say they came from Will's.

MRS. S. D. OLMSTED, Pollock, S. D.

Change of Address

We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.



Will's Improved Blood Turnip Beets.

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.65.

DETROIT DARK RED. The best main crop Beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.65.

LONG SMOOTH BLOOD. Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c, postpaid.

ECLIPSE. A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.65.

Swiss Chard

LUCULLUS. To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and



Swiss Chard, Lucullus.



Copenhagen Market.

dous yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short-stemmed and compact, leaves medium light green, thick and smooth, heads averaging about 10 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.25.

EARLY JERSEY WAKEFIELD. The most widely known and popular extra early variety. The conical heads are solid and the small outer leaves permit of close planting. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.40; 1 lb., \$2.60.

HENDERSON'S EARLY SUMMER. Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. Is one of the best large, second early sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50.

GOLDEN ACRE. Earliest of All. Of the Copenhagen Market type but ten days earlier, this is the earliest round-headed Cabbage. The plants are dwarf and compact; the medium sized heads are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant Golden Acre. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; $\frac{1}{2}$ lb., \$2.90; 1 lb., \$5.60.

WILL'S EARLY JUNE. This is the earliest flat-headed Cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60

to 70 days from seed. The plant is vigorous, drought resistant, and not subject to diseases, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.90; 1 lb., \$3.75.

The Japanese Onions are the finest Onions I ever raised and also the Golden Acre Cabbage, it can't be beat. We are very well pleased with all your seed.

MRS. WM. FUCHS,
Mohall, N. D., R. No. 4.



Will's Early June.

Cabbage

Culture. For very early use sow the seed in hotbed or in boxes in the house. The best and hardest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce about 4000 plants. About 1000 seeds in a packet.

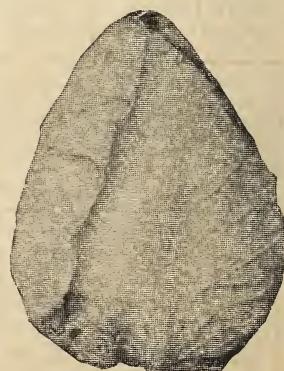
For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

Early Varieties

COPENHAGEN MARKET. This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A tremen-



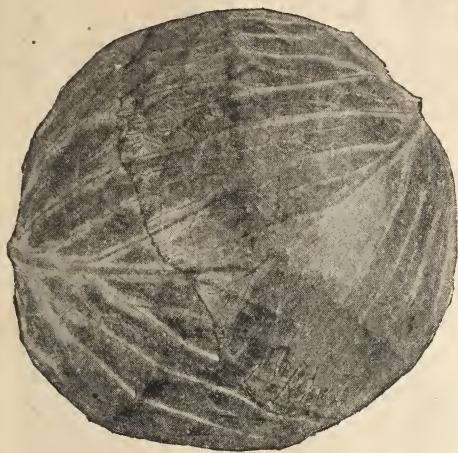
Golden Acre.



Early Jersey Wakefield.

FOR CABBAGE PLANTS,
SEE PAGE 62.

Early Cabbage—Continued



Danish Ballhead.

EARLY WINNIGSTADT. An old favorite; its hardness permits early planting. It is the hardest heading of any of the early Cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00.

GLORY OF ENKHUIZEN. Next to the Copenhagen Market, this is perhaps the most universally popular Cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00.

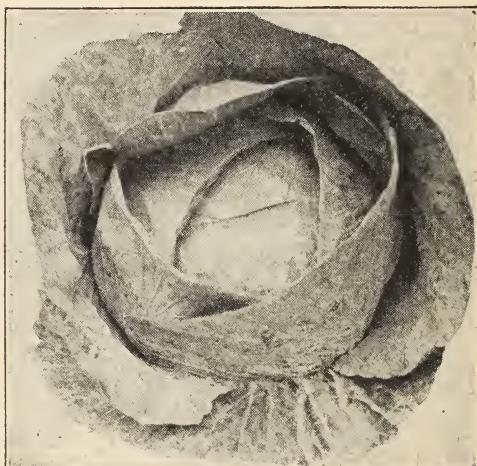
IACOPE. Yellows Resistant Copenhagen Market Cabbage. We do not claim that it is resistant to other diseases, but it will withstand the yellows or yellow rot that has made Cabbage growing well nigh impossible in some sections of this country prior to the development of this and other resistant strains. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$2.00; $\frac{1}{2}$ lb., \$3.60; 1 lb., \$7.00.

Late Varieties

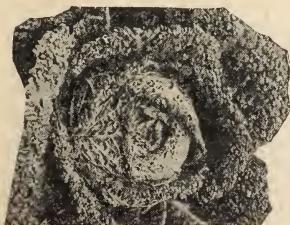
DANISH BALLHEAD (Short Stem or Hollander). This variety is one of our specialties. It is one of the hardest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late Cabbage. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.80.

RED DRUMHEAD. The largest and best red Cabbage. A sure header, the heads are round, solid, and deep red in color to the center. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.10.

WILL'S SELECTED PREMIUM FLAT DUTCH. The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat-heading sorts. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.80.



Will's Selected Premium Flat Dutch.



Perfection Drumhead Savoy.

PERFECTION DRUMHEAD SAVOY. The Savoys are of better quality than ordinary Cabbages and should be more generally grown. This is the best Winter keeper of the Savoys with round, compact and solid dark green heads with coarsely crimped leaves. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c; 1 lb., \$3.50.

Beat the Bugs

Prepare for Cabbage Worms by purchasing Garden Guard with your seed. See Page 82. Dust as soon as you see white moths hovering over Cabbage.

We had a splendid garden from your seed last year. Our Danvers Half-Long Carrots and Red Drumhead Cabbage took first prize at the County Fair and the Strawflowers took second prize. Your Longfellow Cucumbers sure are fine.—CARL KREUN, Chandler, Minn., Box 105.

Last year, the driest I have seen here in over 20 years, your cabbage was the best we ever had.—BEN LACEY, 2506—7th Ave. N. W., Calgary, Canada.



Coreless Carrot

Will's Best Carrots

CULTURE. Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the Spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart. About 3,000 seeds in a packet.

CHANTENAY or MODEL. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.50.

CORELESS. The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.40, postpaid.

EARLY HORN. This very early stump rooted variety is fine grained and of agreeable flavor. It

is a favorite for early Spring planting and table use. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.30, postpaid.

FRENCH FORCING. The earliest variety, used largely for forcing. The tops are small and the roots almost round and about $2\frac{1}{2}$ inches in diameter, orange-red in color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid.

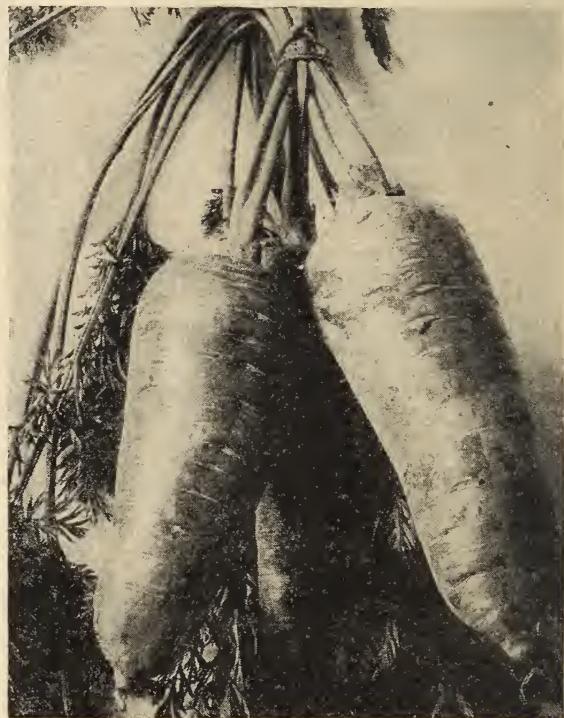
DANVERS HALF LONG. The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield

as heavily as the large sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 95c, postpaid. Not prepaid, 5 lbs., \$4.00.

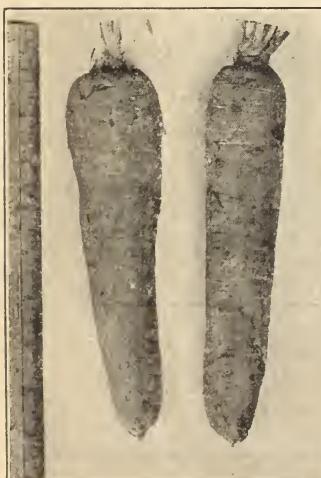
IMPROVED LONG ORANGE. An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 inches long and 3 inches in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c, postpaid.

PRIDE OF DENMARK. A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50, postpaid.

MASTODON or GIANT WHITE. The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals, but especially good for horses. This is the best of the white varieties and the heaviest cropper. The roots are about 8 inches long and 3 inches through at the shoulder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.15.



Danvers Half Long Carrot

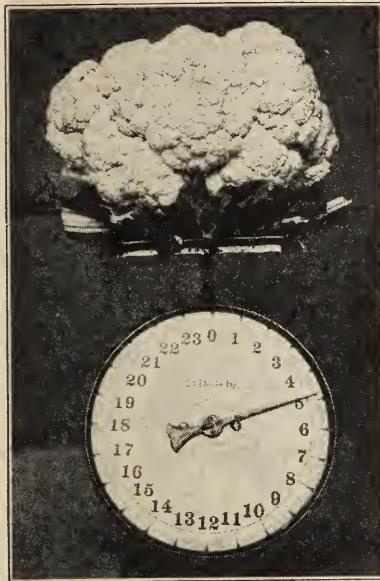


Pride of Denmark Carrots

Have used your seeds sixteen years. That speaks for itself to tell my satisfaction.—Mrs. Sam Hedberg, R. No. 3., Donnybrook, N. D.

CARROTS—Continued.

OXHEART or GUERANDE. One of the most valuable and popular varieties. When fully grown the type is about 5 $\frac{1}{2}$ inches long, 3 $\frac{1}{2}$ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.



Danish Perfection.

Cauliflower

One of the Most Profitable Crops for Market and Small Gardeners

Culture. Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief, cauliflower is nearly as easy to raise as cabbage. **Our pedigreed Danish cauliflower seed is the best you can buy anywhere. About 240 seeds to a packet.**

DANISH PERFECTION. This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.50.

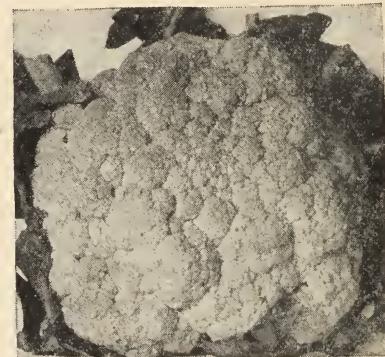
LARGE EARLY ERFURT. One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 10c; oz., \$1.60; $\frac{1}{4}$ lb., \$6.00.

SNOWBALL. The most productive early variety that can be grown and very popular with those who grow for the market. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are pure white and of the finest quality. Pkt., 10c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.50.

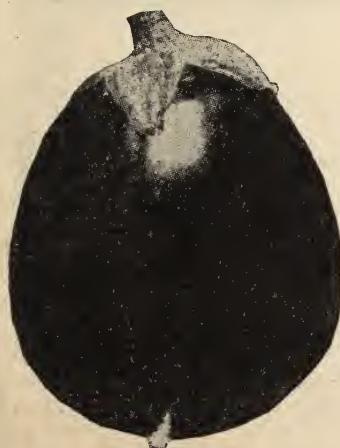
DRY WEATHER or DANISH GIANT. This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

For Cauliflower Plants, See Page 62.

Oxheart Carrots.



Snowball.



Extra Early Dwarf Eggplant.

Eggplant

Culture. Sow the seed (which is slow to germinate) in hotbed or in pots or boxes in the house early in the Spring. When all danger of frost is past, transplant in the open ground 2 by 3 feet apart.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years, but this delicious vegetable will repay any trouble taken and should be in every garden. About 325 seeds to the packet.

EXTRA EARLY DWARF. This is the very earliest Eggplant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

BLACK BEAUTY. This is the very earliest of the large type Eggplant and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

For Eggplant Plants, See Page 62.

Our Specialty Sweet Corn Our Specialty



Golden Gem

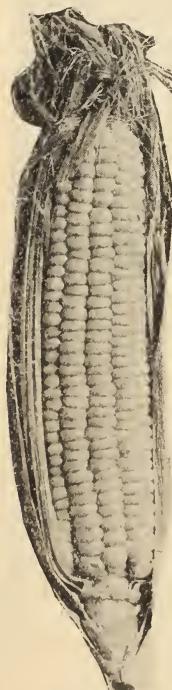
Culture. Plant in drills about three feet apart, one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows 3 to $3\frac{1}{2}$ feet apart, dropping four or five kernels in a hill. Sweet Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate. One-fourth pound to 100 hills; 10 pounds per acre. One pound of Sweet Corn is a little more than a pint.

Varieties Listed in Order of Earliness

EARLY PICKANINNY. A new introduction from the Canadian Experiment Station, and we believe it to be the earliest Sweet Corn in existence; a week earlier than our Early June, though the ears are smaller and the color—black—not so desirable for market. A wonderful home garden sort. Pkt., 10c; $\frac{3}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.00.

GOLDEN GEM. A new golden Sweet Corn developed by Professor A. F. Yeager of North Dakota from a cross of Sunshine with Pickaninny. It is two weeks earlier than Golden Bantam, about four days earlier than Banting and a much heavier yielder in our fields. Golden Gem is of Golden Bantam quality and its eight rows put it in the marketing class with Golden Bantam. We believe this factor with its earliness will make this variety even more popular than Professor Yeager's Sunshine (which is in demand throughout the country) and make it a money getter for the market gardener. (For colored picture, see page 41.) Pkt., 10c; 2 oz., 20c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 85c, postpaid. Not prepaid: 5 lbs., \$3.50; 10 lbs., \$6.75.

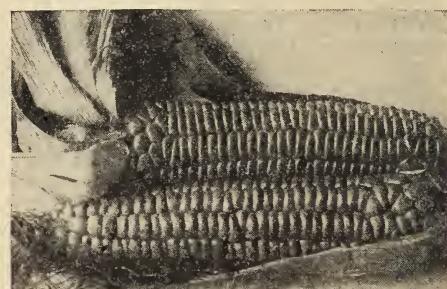
BANTING. A very early, eight rowed, yellow Sweet Corn developed in Canada, and but a few days later than Pickaninny. Last year we had many orders for this variety from Maine, where it had given exceptional results in trials at the University of Maine. Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid. Not prepaid: 5 lbs., \$2.00; 10 lbs., \$3.50.



Sunshine

We cannot do without Will's
Early June Corn.
HUGH P. McMILLAN,
Hamilton, N. D.

WILL'S EARLY JUNE (Registered U. S. Patent Office). **The Earliest White Sweet Corn.** A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight-rowed ears are from $4\frac{1}{2}$ to 6 inches long. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 30c; 10 lbs., \$1.75; 50 lbs., \$8.25; 100 lbs., \$16.00.



Nuettta

NUETTA. The hardiest Sweet Corn. A North Dakota native product, for we obtained our original seed from a Mandan Indian eighteen years ago. The dried seed is red, but when fit for eating the eight and ten rowed ears are a rich golden yellow. Yielding well under harsh, dry conditions, meeting the stiff requirements of the mountain country, and giving excellent results in the moist climate of the Pacific Coast, Nuettta is the most productive variety we have. Hail has hit our fields of Nuettta consistently for the four years prior to this, but now we have a good crop to offer. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid: 5 lbs., 30c; 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$13.00.

SUNSHINE. A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve-rowed ears, seven to eight inches long. In our plantings, ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses. A great Corn for the home garden and one the market gardener needs. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 50 lbs., \$9.00; 100 lbs., \$17.00.

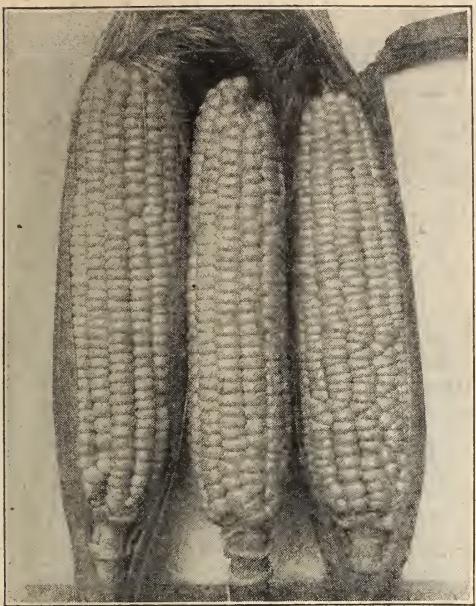
I have used your Sunshine Sweet Corn for several years and find it the best there is.

Yours truly,
MRS. LOUIS HAHN, R. No. 1, Bottineau, N. D.

SWEET CORN—Continued

IMPROVED EARLY DAKOTA. This northern grown selection of Mammoth White Cory comes in after Sunshine. Combining size with earliness, it is the largest of the extra early sorts and one of the best. The white ears are 10- to 12-rowed, 7 to 8 inches long, borne two to a stalk. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.80; 50 lbs., \$8.50; 100 lbs., \$16.00.

GOLDEN BANTAM. The finest Sweet Corn in cultivation and most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for a long time. Our Burleigh and Morton County grown seed is as good as the best. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 32c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.40; 50 lbs., \$6.00; 100 lbs., \$11.00.



Improved Early Dakota.

Last year we sent for \$1.00 worth of Golden Bantam Sweet Corn. Will just say we never tasted better corn and never had so much before. We kept eating corn all Fall.

CHRIS KNUDSEN, McCabe, Mont.

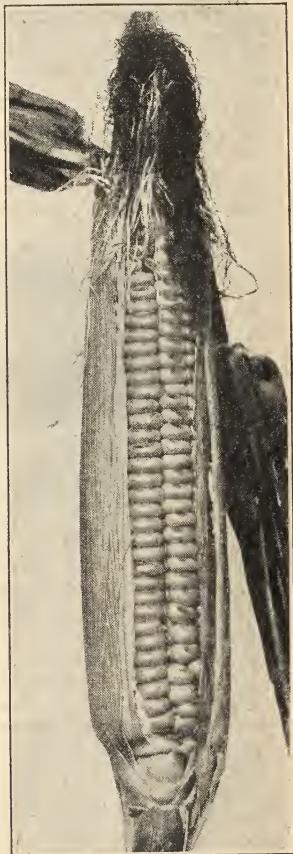
WILL'S BANANA CREAM. This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table Corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tasted. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$2.00; 50 lbs., \$9.50; 100 lbs., \$18.00.



Stowell's Evergreen.

STOWELL'S EVERGREEN. This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16-rowed, with very sweet, deep white kernels. Besides its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.

If the Gardeners of the Northeast knew the good quality and earliness of these corns you would have some trouble to supply seed enough. ALBERT MCKUSICK, Dexter, Maine. R. No. 2.

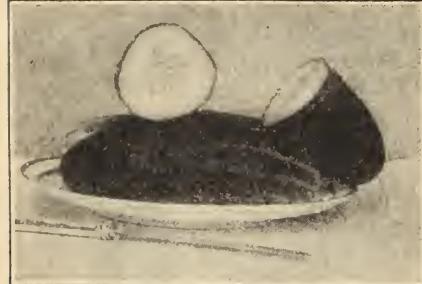


Golden Bantam.

See Page 2 For Our
SWEET CORN COLLECTION

Will's Cucumbers

Culture. As soon as the weather becomes warm and settled in the Spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills. About 200 seeds to the packet.



Earliest of All.

and its uniformity of size and shape. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.10, postpaid.



Arlington White Spine Cucumber.

Improved Long Green Cucumber.

IMPROVED LONG GREEN. This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.

EARLY CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20.

We have planted your "Chinese Long Cucumber," several years, and they have been the best of a number of kinds that we have raised; some over 20 inches long, and up to 3 inches in diameter, in good year.

ADRIAN E. BUTTZ, Leeds, N. D.



20 $\frac{1}{2}$ INCHES OF LONGFELLOW CUCUMBER.

To the grower of the longest cucumber of our Longfellow variety during the Summer of 1931, we will pay ten dollars; to the grower of the second longest, \$5.00; for third place, \$3.00; and to fourth, fifth, and sixth place, one dollar in trade. Cucumbers may be sent to our store

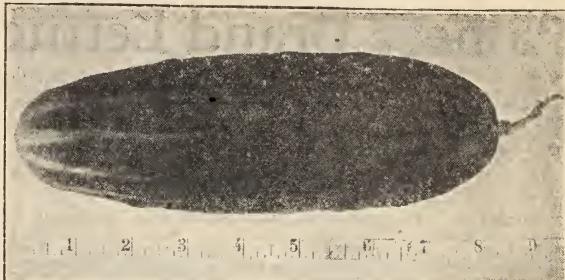
DAVIS PERFECT. A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.30, postpaid.

LONGFELLOW or CHINA LONG. This new variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark rich green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. Pkt., 10c; oz., 55c; $\frac{1}{4}$ lb., \$1.75, postpaid.

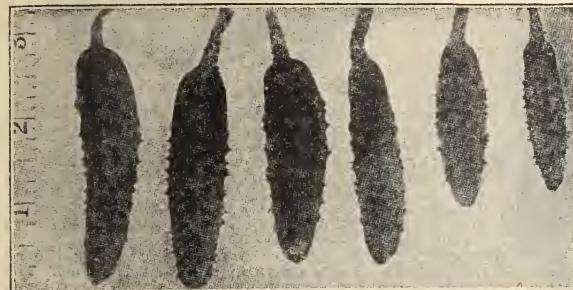
or we will accept affidavits. Measurement is to be along axis of cucumber. The contest closes October 1, 1931, and but one prize will be awarded to an individual. The winner of the 1930 contest is Fred Schneider, Glasgow, Mont., with a cucumber 31 $\frac{1}{2}$ inches long.

Will's Cucumbers

EARLY FORTUNE. Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.25, postpaid.



Early Fortune.



Early Fortune Pickling Size.

WHITE WONDER. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.80, postpaid.

CHICAGO PICKLING. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.10, postpaid.

JAPANESE CLIMBING. A producer of long, well shaped fruits; especially adapted to growing on a trellis because of its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where well shaped fruits cannot otherwise be grown. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.90, postpaid.

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.25, postpaid.



Chicago Pickling Cucumbers.

Pop Corn

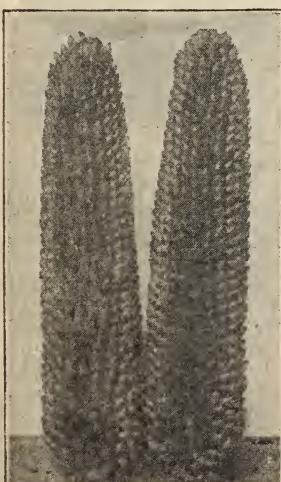
About 200 seeds
to the packet.

JAPANESE HULLESS. Of wonderful popping quality, this variety sells at a premium over other sorts and is the only kind to plant if you raise pop corn to sell. The ordinary strains are too late for this section, but our own early strain has ripened here for the past eight years. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 80c.

GOLDEN TOM THUMB. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., 95c.

IRIQUOIS. This variety is of the White Rice type, obtained from the Iriquois Indians of New York some years ago. It is a very good yielder, and so much earlier than the ordinary White Rice that we have quit growing the White Rice. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 80c.

BLACK BEAUTY. One of the earliest varieties, it is generally conceded that this sort makes more tender and better quality pop corn than other kinds. The ears are about six inches long, black or nearly so. They pop pure white. This is not generally regarded as a commercial variety but is perhaps the best for the home garden. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., 95c.



Iriquois Pop Corn.



Japanese Hulless Pop Corn.

Pioneer Brand Lettuce

Culture. For very early use the seed may be sown in hotbed, and as soon as the warm weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession.

One ounce for 300 feet of drill. About 2,000 seeds to the packet.

Heading Varieties

MIGNONETTE. The earliest heading sort we have ever tried, fit for use 6 days before May King. The heads are small and the outer leaves are medium dark brown with a dark greenish tinge. Probably the most delicate in flavor and tender in texture of the crisp varieties, this is slow to shoot to seed for so early a sort. Very reliable for Spring and Fall sowing and one of the most compact and hardest heading of all lettuces. Not a market gardener's variety, but its



Black Seeded Tennisball

earliness and quality make it one of the very best sorts for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

MAY KING. An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.90, postpaid.

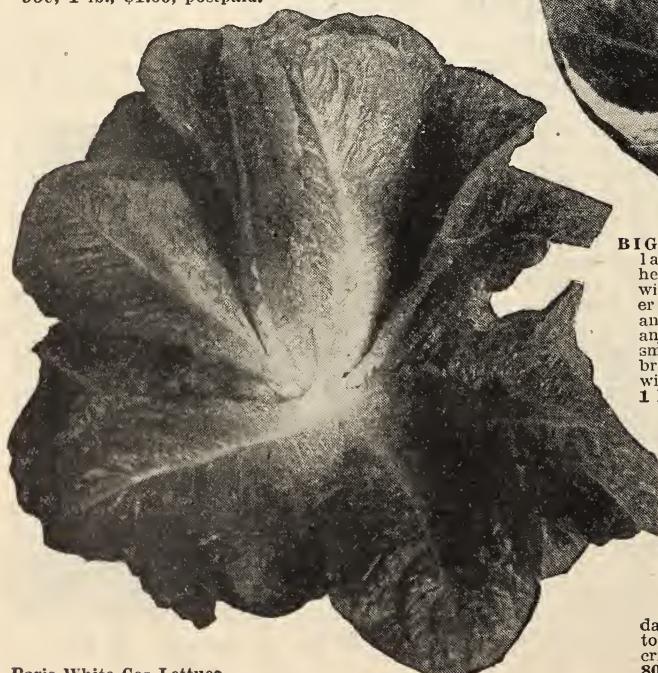
ICEBERG. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.90, postpaid.

**EARLY BLACK
SEEDED TENNIS-
BALL — SALA-
MANDER.** One of
the most reliable,

Improved Hanson

sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. This is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.45, postpaid.

IMPROVED HANSON. One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drought and is a slow seeder. We recommend this variety. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.60, postpaid.



Paris White Cos Lettuce



Big
Boston
Lettuce

BIG BOSTON. Early, large, bright green heads, lightly tinged with brown on the outside. The outer leaves, hardy and vigorous. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.60, postpaid.

CRISP-AS-ICE—HARTFORD BRONZE HEAD. One of the best varieties for the home garden, an excellent buttery sureheader of delicate flavor and tender quality. The compact heads are of medium size, dark green overlaid with bronze in color. In our trials in 1926 this sort seemed to withstand the drought better than any other. Slow to go to seed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.50, postpaid.

PARIS WHITE COS. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside, when it becomes exceedingly crisp and sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.45, postpaid.

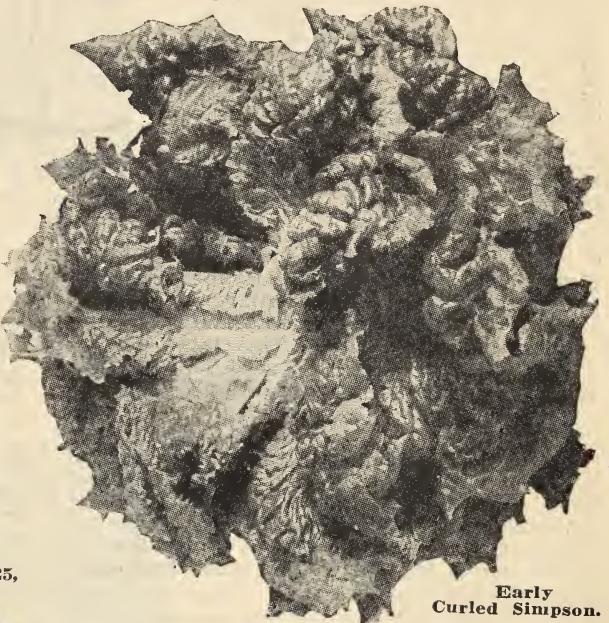


New York Lettuce.

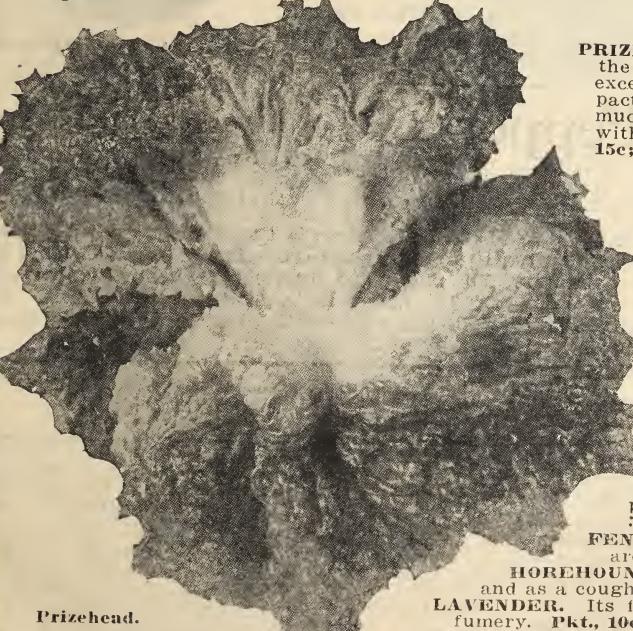
CURLED OR LOOSE HEAD VARIETIES
EARLY CURLED SIMPSON. An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and **does not run to seed** as quickly as many of the early sorts. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 75c; 1 lb., \$1.45, postpaid.**

GRAND RAPIDS FORCING. The favorite loose leaved forcing lettuce, and **fine for early planting** outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. **Pkt., 5c; oz., 15c; 1/4 lb., 55c; 1/2 lb., 95c; 1 lb., \$1.75, postpaid.**

DETROIT MARKET GARDENER. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its **ability to stand high temperatures** which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. **Pkt., 10c; oz., 20c; 1/4 lb., 70c; 1/2 lb., \$1.25; 1 lb., \$2.25, postpaid.**



Early Curled Simpson.



Prizehead.

ROSEMARY. Aromatic leaves used for seasoning. **Pkt., 10c.**
SAFFRON. Used in coloring certain dishes and also for flavoring. **Pkt., 10c.**
SAGE. The most extensively used herb for seasoning and stuffing. **Pkt., 10c; oz., 40c.**
SUMMER SAVORY. Leaves and flowers flavor soups and dressings. **Pkt., 5c; oz., 20c.**
SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 20c.**
THYME. A tea made of leaves is a remedy for headache. **Pkt., 10c.**
WORMWOOD. Beneficial for poultry; should be planted in poultry yards. **Pkt., 10c.**



HERBS

ANISE. Used in garnishing and flavoring. Seeds are aromatic. **Pkt., 5c; oz., 15c.**

CARAWAY. Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 10c.**

DILL. The stalks and seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c; 1/4 lb., 30c.**

FENNEL. The leaves boiled are used in sauces. **Pkt., 5c.**

HOREHOUND. Used for seasoning and as a cough remedy. **Pkt., 5c.**

LAVENDER. Its flowers are used in perfumery. **Pkt., 10c.**

MUSTARD (Large White Seeded). Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**

Wormwood. Beneficial for poultry; should be planted in poultry yards. **Pkt., 10c.**

I am just back from two months in Labrador where you will remember we sent a lot of your seeds. You will be interested to know that they have made a very good record. Dr. Grenfell's gardener says that he never had any seeds that germinated as well as yours.

(Extract from a letter in our files.)

Celery

Culture. Sow the seed (which is slow to germinate) in shallow boxes in the house early in the Spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Celery should receive enough water at all times to prevent its growth being checked. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand. About 7,000 seeds to the packet.

GOLDEN PLUME or WONDERFUL.

This selection from Golden Self-Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and withstands heat better. Not a Winter keeper. It is a beautiful gold in color, brittle and of highest table quality. Pkt., 15c; oz., \$1.25; $\frac{1}{4}$ lb., \$4.00, postpaid.

WHITE PLUME. One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for Fall and early Winter. It grows rapidly and blanches readily during the Summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50, postpaid.

GOLDEN SELF-BLANCHING. Ours is a superior, dependable strain of this standard celery for early use. It is not quite as early as White Plume, but the plants are heavier and of more



Golden Self-Blanching Celery.

compact growth. Self-blanching, the color is a rich golden yellow; nearly stringless; the stalks are thick, crisp and brittle; while for flavor this sort is unsurpassed. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$2.25; 1 lb., \$4.25, postpaid.

G I A N T P A S C A L. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.25, postpaid.

WINTER QUEEN. A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.65; 1 lb., \$3.25, postpaid.

FOR CELERY PLANTS, SEE PAGE 62.

CELERIAC OR TUR-

NIP-ROOTED C E L-

E R Y. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00, postpaid.



Celeriac or Turnip-Rooted Celery.

Peppers

Culture. Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and when all danger of frost is past, transplant in the open ground in rows $2\frac{1}{2}$ feet apart, setting the plants about 18 inches apart in the row. About 200 seeds to the packet.



Harris' Earliest.

HARRIS' EARLY GIANT. This is the first very large sweet pepper that will produce good crops in the northern part of this country. The plants are vigorous and the fruits average 5 inches long by $3\frac{1}{2}$ inches through, dark green turning to brilliant red. This is a very worth while introduction. Pkt., 10c; $\frac{1}{2}$ oz., 50c; oz., 90c.

Your Earliest Peppers I got of you last year took the premium at the Fair last Fall.

FRANK MACKEY, R. No. 1, Box 105, Bovey, Minn.

HARRIS' EARLIEST. The Earliest Pepper. Earlier and more productive than Neapolitan; the plants are dwarf and compact with fruits averaging $3\frac{1}{2}$ inches long by $2\frac{1}{2}$ inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. Pkt., 10c; oz., 75c.

TOMATO-SQUASH or SUNNYBROOK. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 55c.

RUBY KING. One of the most dependable and satisfactory varieties for both home and market gardens. Pkt., 10c; oz., 50c.

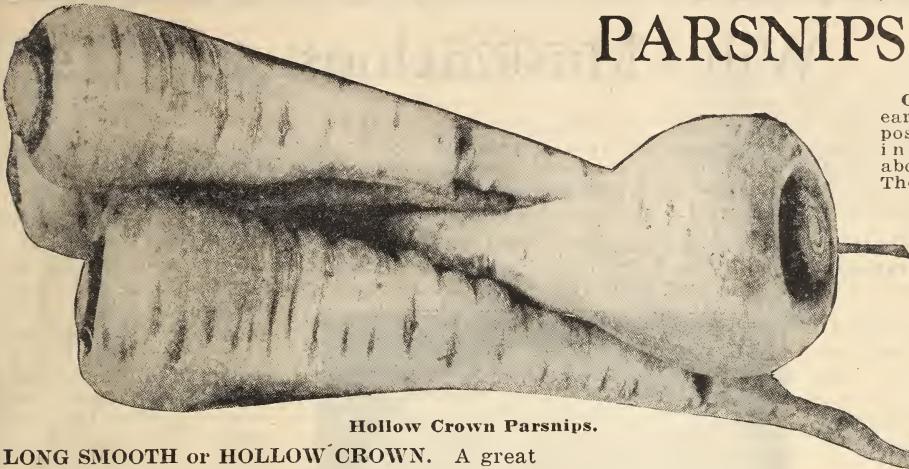
RED CAYENNE. Long, red, strong and pungent. Pkt., 10c; oz., 50c.

For Hardy Pepper Plants, See Page 62.

I am very much pleased with the seeds we got from you last year. The Peppers took 1st prize at the LaMoure County Fair.

MRS. E. KUEHNEL, Berlin, N. D.

PARSNIPS



Hollow Crown Parsnips.

LONG SMOOTH or HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c, postpaid.

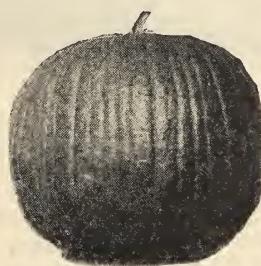
Culture. Sow as early in the Spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

IMPROVED GUERNSEY. This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c, postpaid.

PUMPKINS FOR THE NORTHWEST

CULTURE: Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

OMAHA. A very early, oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. We quote the North Dakota State Horticultural Society's news letter for September, 1924, thus: "The Omaha Pumpkin which is real pie size has proven far earlier than the widely grown Sugar Pie on the experimental



Sweet Sugar Pumpkin.

grounds at the A. C." Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c, postpaid.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

FORT BERTHOLD. Selection for some years from the

squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early Pumpkin of unusual hardiness. The fruits are small, round, flattened on the ends, and of first quality. They are either orange or cream in color with orange predominating. Pkt.,



Fort Berthold.

10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

GOLDEN OBLONG. A very hardy and productive sort with thick, light golden flesh of highest quality and a good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 65c; lb., \$1.20, postpaid.

KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; lb., \$1.70, postpaid.

Would you please send me your 1930 catalog, as I want to get some more of the Indian Pumpkins and Squash, as they do better than any we have ever had, as we are one mile high here and do dry farming.

B. D. HOWELL, Clarkelen, Wyo.



Golden Oblong.

Will's Muskmelons

Culture. When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy Melons are worth planting in the Northwest.** One ounce of seed to fifty hills; 2 to 3 pounds per acre. About 125 seeds to the packet.

EXTRA EARLY OSAGE. This is the earliest salmon-fleshed variety of quality and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.40, postpaid.

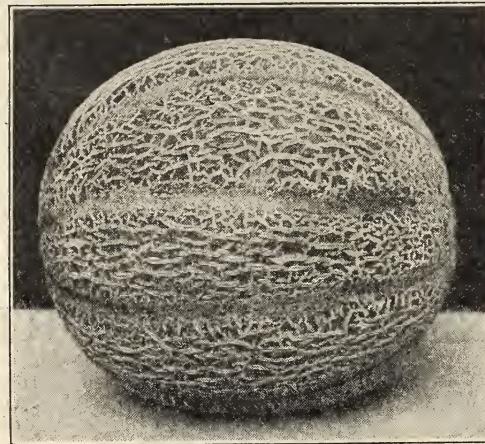
GREELEY WONDER.

This is the earliest variety bearing large Melons in our trials. The fruit is lightly netted, heavily ribbed, with very thick orange-salmon flesh of the finest quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 75c; lb., \$1.50, postpaid.

SUGAR ROCK. Sometimes called Honey Rock. This new variety is one of the most delicious Melons. It is early and very productive of medium-sized, round, heavily netted Melons with deep, very sweet, orange flesh. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.50; lb., \$2.75, postpaid.

EXTRA EARLY KNIGHT (Sweet Air). The earliest Muskmelon of quality we have ever had on trial.

Extra Early Osage.



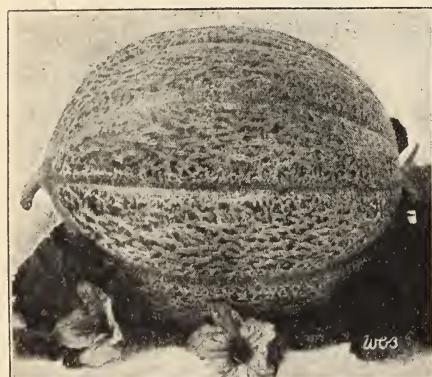
MILLER'S CREAM. One of the best flavored varieties in cultivation and a favorite main crop sort for market gardeners and home use. The

fruits are medium sized, oval, dark green, slightly ribbed and gray netted. The orange flesh is very thick. This variety holds its rich flavor much longer than most other sorts. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.40, postpaid.

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

GARDEN LEMON. The fruit is smaller than the Vine Peach, which it resembles in growth, but has thinner flesh and more acid flavor. It is a novelty of value. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.40, postpaid.



Extra Early Knight.



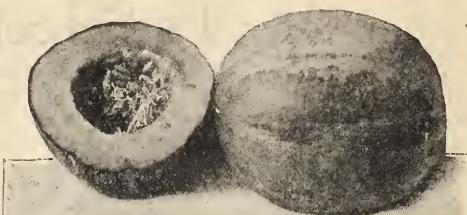
Emerald Gem.

I have used your seeds in many states and other parts of Canada always with success. I have farmed in North Dakota and know the value of your seeds for short summers and high altitudes as here.

E. E. BROTTON, Moyie, B. C., Canada.

Muskmelons—Continued

PAGE'S EARLY. The earliest of all Muskmelons. Although it is a number of years since its first introduction, Page's Early is still by far the earliest of all. It is not equal in quality to the other varieties that we list, although by careful selection during the past eight years the quality and flavor are much improved. If you haven't been able to raise Muskmelons before, try this one. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c, postpaid.



Page's Early.

LAKE CHAMPLAIN or GOLDEN CHAMPLAIN.

One of the very earliest Melons, medium sized, round, heavily netted, moderately ribbed, with thick orange colored flesh of the finest quality; a robust grower and heavy yielder. Not a shipping Melon, but a good home garden sort and a money maker for the market gardener. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; lb., \$1.75, postpaid.



Lake Champlain.

in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2000 seeds to the packet.

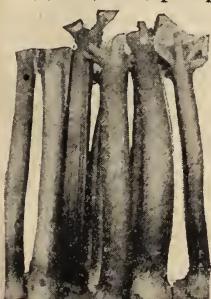
CHAMPION MOSS CURLED. Leaves beautifully curled and moss-like, of the richest green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is a delicious vegetable. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c, postpaid.

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fernlike appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.



Moss Curled Parsley.



Monarch Rhubarb.

GOLD LINED ROCKY FORD (Eden Gem). A round uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

EXTRA EARLY HACKENSACK. It is a large sized, deep ribbed, round Melon, with thick green flesh of delicious flavor. It is the best of the large varieties. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.15, postpaid.

Your seeds are the best I have ever tried. When my Mother was living she always got her seeds from you, and she always said your seeds were the best.

MRS. R. GALBRAITH,
Thief River Falls, Minn.,
R. No. 2.

Parsley

CULTURE. Soak the seed a few hours in lukewarm water and sow early in Spring

in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2000 seeds to the packet.

CHAMPION MOSS CURLED. Leaves beautifully curled and moss-like, of the richest green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is a delicious vegetable. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c, postpaid.

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fernlike appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c, postpaid.

Rhubarb or Pieplant

MONARCH. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to the packet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Monarch Rhubarb Roots

Plant our strong roots and save two years over seed. Per dozen, \$1.25, postpaid. Not prepaid, per dozen, \$1.00.

Will's Selected Watermelons

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 2 or 3 pounds per acre. About 100 seeds to the packet.



Cole's Early.

COLE'S EARLY. One of the **earliest and best**. It is very hardy, vigorous and a sure cropper. The Melons are of medium size, green with lighter stripes. The **delicious quality** of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties for the north. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 90c, postpaid.**



Kleckley Sweets.

KLECKLEY SWEETS—MONTE CRISTO. This Melon is fairly large, **oblong** and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest Watermelons in cultivation. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 85c, postpaid.**



Citron.

CITRON. A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 55c; lb., 90c, postpaid.**

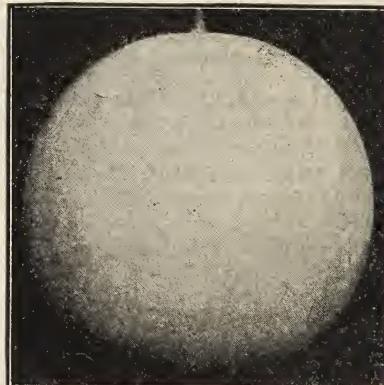
ARIKARA. The Earliest Watermelon. This variety is a prolific and sure producer of small Melons, running from 6 to 12 inches in diameter. The skin is almost black. The pink flesh is sweet and pleasant though somewhat coarse. Not as good quality as Will's Sugar, but the **earliest and hardest** Watermelon that grows. If you have trouble raising ripe Watermelons, try this one. **Pkt., 10c; oz., 20c; 1/4 lb., 55c, postpaid.**



Arikara.

PHINNEY'S EARLY. The very earliest large, oval Melon. The Melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is **pink and tender**. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 80c, postpaid.**

PEERLESS or ICE CREAM. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 80c, postpaid.**



Winter Watermelon.

WINTER WATERMELON. With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary Melons. If stored in a cool, dry place will **keep until Christmas**. **Pkt., 10c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 65c; lb., \$1.10, postpaid.**

COLORADO PRESERVING MELON. This is quite distinct from the old-fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 55c; lb., 95c, postpaid.**

My Will's Sugar Watermelons were the only ones and the sweetest this neighborhood had this season, it was very unfavorable.

G. ARNETT, Hillsboro, Ohio.

Selected Watermelons

WILL'S SUGAR WATERMELON. This pioneer variety, which we introduced in 1888, still remains the favorite for the Northwest. It is the second earliest melon grown, and combines with that very necessary quality hardiness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. Two years ago we were obliged to disappoint many customers because of a short crop of Will's Sugar. Our grower harvested the melons too early and we were unable to obtain satisfactory germination from our seed. This year we feel that we have an adequate supply of seed of this splendid melon. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid.



Field View of Will's Sugar Watermelons.



Will's Sugar Watermelons.

Onion Sets

Unless otherwise instructed, we shall hold Onion Set orders till danger of freezing is past. Bottom Onion Sets are the product of seed planted closely to prevent full development. We raise and store our own. A bushel is 32 lbs. unless otherwise stated.

EBENEZER or JAPANESE YELLOW ONION SETS. These yellow sets are surer to form large onions than any other sets, the quality is superior and the yield is larger. Sets of our own growing. Pt., 20c; qt., 32c; $\frac{1}{2}$ pk., 80c, postpaid. Not prepaid, pk., \$1.30; $\frac{1}{2}$ bu., \$2.30; bu., \$4.50.

RED BOTTOM SETS. Fine, well cured North Dakota grown sets. Pt., 20c; qt., 32c; $\frac{1}{2}$ peck, 80c, postpaid. Not prepaid, peck, \$1.30; $\frac{1}{2}$ bu., \$2.30; bu., \$4.50.

WHITE BOTTOM SETS. Milder than the red or yellow sorts and preferred by some on account of their color. Sets of our own growing. Pt., 25c; qt., 37c; $\frac{1}{2}$ pk., \$1.00, postpaid. Not prepaid, pk., \$1.50; $\frac{1}{2}$ bu., \$2.75; bu., \$5.00.

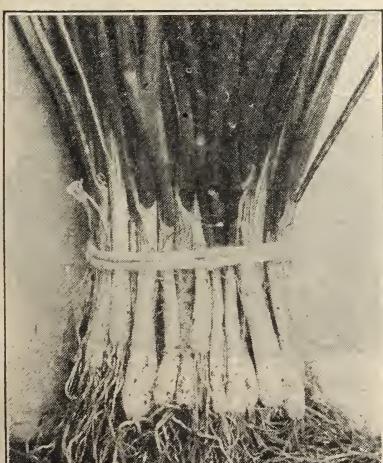
OVERSIZE BOTTOM SETS. Above standard size, ranging from $\frac{3}{4}$ to 1 $\frac{1}{4}$ inches in diameter. Not prepaid, pk., 75c; $\frac{1}{2}$ bu., \$1.35; bu., \$2.50.

TOP or WINTER ONION SETS. Perennial. Live in the ground all Winter and start very early in the Spring 28 lbs. to the bushel. Pt., 27c; qt., 45c, postpaid. Not prepaid, pk. (7 lbs.), \$1.75; bu., \$6.00.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring onions. Pt., 27c; qt., 45c, postpaid. Not prepaid, pk., \$1.75; bu., \$6.00.



Bottom Onion Sets.



Bermuda Onion Plants.

Garlic

BAVARIAN. Lb., 42c; 5 lbs., \$1.75, postpaid.

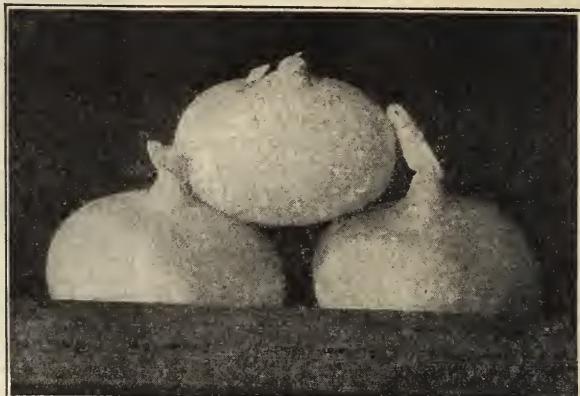
ONION PLANTS

BERMUDA ONION PLANTS. Seed is sown early in Texas and plants lifted to produce onions of Bermuda quality in northern gardens. Planted like onion sets and easy to grow. At last we have located a Texas plant grower who ships bangup plants and guarantees the count. Per 100, 25c; 500, \$1.00; 1,000, \$1.75, postpaid. Crate of 6,000 plants, not prepaid, \$8.50.

Will's Pioneer Brand Onion Seed

Culture. Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

WHITE PORTUGAL or SILVERSKIN. The All Round Onion. Montana Grown. A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. It is the best keeper of the white onions and fine for Fall and early Winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of specially high germination and purity. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.



Montana White Portugal or Silverskin.

SOUTHPORT WHITE GLOBE. This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

WHITE BERMUDA. This is a medium sized onion, flat, very early, and in no sense a keeper. It is not pure white but a light straw color. It is very mild and sweet. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.10; $\frac{1}{2}$ lb., \$2.00; 1 lb., \$3.75, postpaid. Not prepaid, 5 lbs., \$17.50.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money maker for the market gardener. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid.

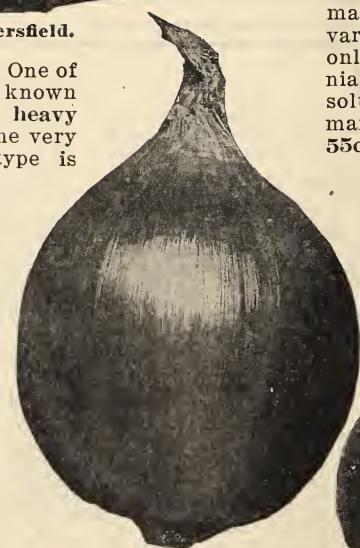
NEW QUEEN. This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.60, postpaid.

Red Wethersfield.

RED WETHERSFIELD. One of the oldest and best known strains, a sure and heavy yielder. It is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$1.90, postpaid. Not prepaid, 5 lbs., \$8.25.

SOUTHPORT RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.70, postpaid. Not prepaid, 5 lbs., \$7.25.

EXTRA EARLY RED FLAT. The earliest large Red Onion. A deep purplish red in color, quite flat, firm and of excellent quality. A desirable variety for short seasons or poor soil. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.65, postpaid. Not prepaid, 5 lbs., \$7.00.



Southport Red Globe.

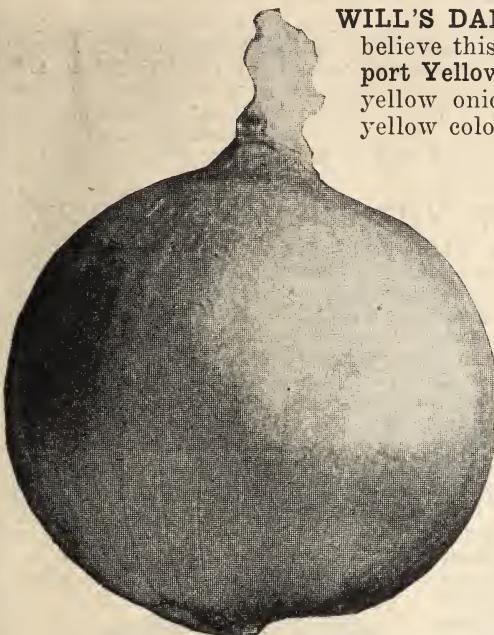


Extra Early Red Flat.

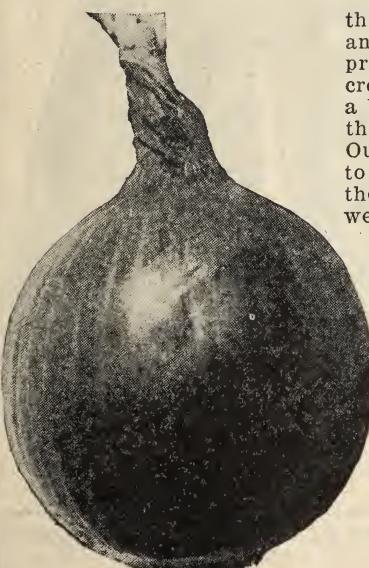
Could never raise Onions but since getting your seeds have plenty to sell and for my use. Even won prizes on them.

MRS. N. NOVAK, Alfred, N. D.

Will's Pioneer Brand Onion Seed



Will's Dakota Globe.



Yellow Globe Danvers.

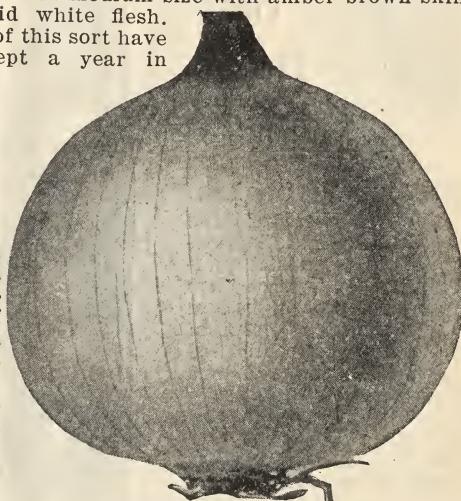
WILL'S DAKOTA GLOBE. The Money Making Onion. We believe this to be the finest and best selected strain of **Southport Yellow Globe**, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.55, postpaid. Not prepaid, 5 lbs., \$6.50.

AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scallions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh.

Onions of this sort have been kept a year in

good condition.

Pkt., 5c;
oz., 20c;
 $\frac{1}{4}$ lb., 50c;
 $\frac{1}{2}$ lb., 80c;
1 lb., \$1.50,
postpaid.
Not prepaid,
5 lbs., \$6.25.



Prizetaker.

PRIZETAKER.

One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. Pkt.,

5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.65, postpaid.
Not prepaid, 5 lbs., \$7.00.

AILSA CRAIG. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of onions. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.40; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$11.75.

YELLOW GLOBE DANVERS. This is a standard variety for Winter use in all markets. Its skin is a rich orange-yellow color. The flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.

See Page 33 for Onion Sets and Plants.

Notice to Our Customers

If you wish to know germination tests on any sorts of garden seed we sell, we shall be glad to furnish them.



Ailsa Craig.

Will's Choicest Garden Peas

Culture. Sow early in the Spring in rows 18 to 24 inches apart. The Peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under. Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

Early Dwarf or Bush Varieties

AMERICAN WONDER.

The earliest of the dwarf wrinkled varieties, of standard quality. The vines are about a foot high, and produce heavy crops of medium size, well filled pods containing 5 to 8 large peas. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 20 lbs., \$4.00; 100 lbs., \$19.00.

SUTTON'S EXCELSIOR.

An improved Nott's Excelsior, larger podded and more productive. Height 16 inches. The broad pods are dark green, $3\frac{1}{2}$ inches long, and contain 7 to 8 large, bright green peas of very fine quality.

Many regard this hardy variety as best of the dwarf, first early sorts. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 20 lbs., \$4.00; 100 lbs., \$19.00.

LITTLE MARVEL. One of the earliest of the wrinkled seeded sorts and probably the most satisfactory Pea for the average home garden. Remains in prime picking condition a week longer than most sorts. The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$21.00.

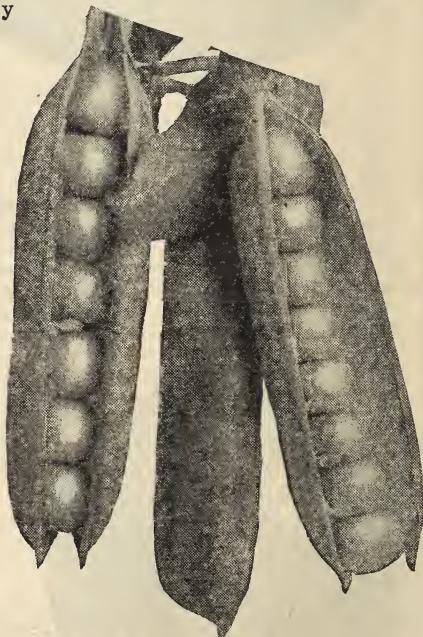


World's
Record.

Early Varieties Not Dwarf

FIRST OF ALL. This is the earliest Pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort, as it will not rot in the ground. The vines grow to a height of $2\frac{1}{2}$ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.80; 100 lbs., \$18.00.

WORLD'S RECORD or IMPROVED GRADUS. This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines reach a height of 2 feet, produce most abundantly and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender peas are of a most delicious flavor. It is the market gardener's favorite. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$21.00.



Little Marvel.

ALL PEAS AND BEANS REQUIRE AN INOCULANT

GARDEN
SIZE,
PRICE 25c,
POSTPAID

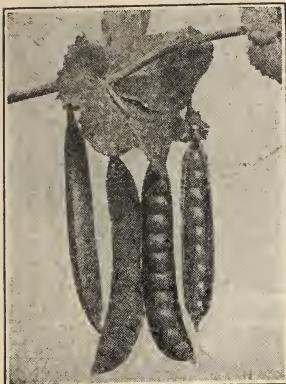


See page 59.

My father and I have been buying trees and seeds of you for over forty years and like your goods very much.

A. RAY SHERRITT, Hunter, N. D.

Dwarf Peas—Continued



McLean's Little Gem

LAXTON'S PROGRESS. The earliest and best of the large-podded dwarf Peas. We have dropped both Pioneer and Peter Pan in favor of this very similar and much better variety. The vines grow 18 inches tall and are more productive than any other of the dwarf class. This new sort is absolutely the best of its class to date. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$21.00.

HUNDREDFOLD or BLUE BANTAM. One of the best of the Laxtonian type; the vines are from 16 to 18 inches tall, sturdy and very productive. The pods are dark green, 4 inches long, and contain 8 large, dark green peas. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not pre-

paid, 5 lbs., \$1.25; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$21.00.

MCLEAN'S LITTLE GEM. An early dwarf Pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from $2\frac{1}{2}$ to 3 inches long. The Peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 20 lbs., \$4.00; 100 lbs., \$19.00.

Main Crop Varieties

BLISS EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of $2\frac{1}{2}$ feet and as many as 100 pods have been counted on a single vine. Peas are large and sweet and packed tightly in the pods. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.80; 100 lbs., \$18.00.

ALDERMAN. The best main crop variety of the Telephone type and the most popular tall, main crop Pea. The vines grow to a height of 4 feet. The pods average about $4\frac{3}{4}$ inches long, containing nine large, medium green peas of highest quality. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 20 lbs., \$3.80; 100 lbs., \$18.00.

SUTTON'S PERFECTION. One of the best and the most productive of the main crop Peas. The vines are $2\frac{1}{2}$ feet high, very sturdy and strong. The pods are $4\frac{1}{2}$ inches long, broad, straight, pointed, and medium light green, containing 8 to 9 very large, sweet, bright green peas. All that its name implies, both for the market gardener and the home garden. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.35; 20 lbs., \$4.50; 100 lbs., \$21.00.

ONWARD. A very distinct and valuable new midseason variety, coming in just ahead of Telephone. A heavy cropper, 3 feet in height, the pods are 4 inches long, broad, straight and blunt-ended, containing 6 to 8 deep green peas. This is decidedly the best Pea of recent introduction. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.55; 20 lbs., \$4.90; 100 lbs., \$23.00.



Laxton's Progress

Edible Podded Variety

DWARF WHITE SUGAR. Height 2 feet. The pods are light green; 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.75.



Bliss Everbearing

Peanuts

Cultural Directions for Peanuts for the Asking.

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c, postpaid. Not prepaid, 1 lb., 30c; 5 lbs., \$1.10.

Spinach

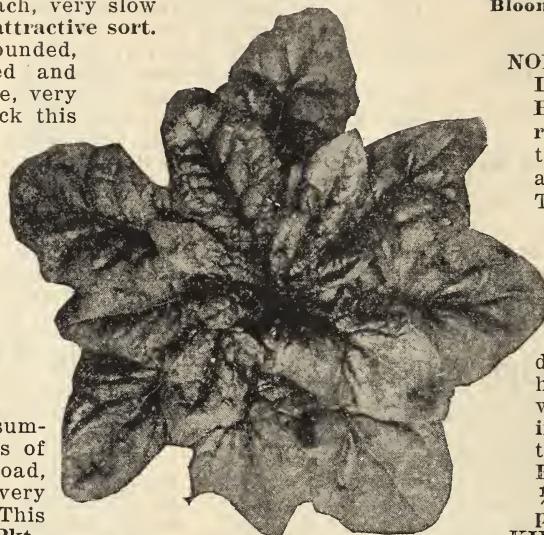
Culture. Sow in early Spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 feet of drill. With exception of New Zealand Spinach, about 600 seeds to the packet.

PRINCESS JULIANA. A new thoroughbred type of long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. We check this variety as having the most attractive color of any sort in our trials. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 33c; 1 lb., 55c, postpaid.

BLOOMSDALE OR SAVOY LEAVED (Norfolk Savoy). This is probably the earliest and hardiest variety. It is best for early planting, as the plants bolt to seed quickly in hot, dry summer weather. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c, postpaid.



New Zealand Spinach



King of Denmark Spinach



Bloomsdale Spinach

NOBEL-GIANT THICK LEAVED (also called Big Crop). This very rapid grower produces the largest plants of any variety we know. The leaves are very thick and rather smooth, making this more easily cleaned than most sorts. It is long standing, desirable for canning, home and market. It was the largest yielding Spinach in our trials last summer. Pkt., 5c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid.

KING OF DENMARK, Antovorsk. This variety is slower to run to seed than any other sort. The plants are bushy in habit. The

early, vigorous, and productive, rounded leaves are crumpled, blistered and a deep green in color. This is a sort the Northwest has been looking for. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 33c; 1 lb., 55c, postpaid.

NEW ZEALAND. Not a true Spinach, this variety thrives in any soil and stands hot weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens, throughout the summer when other Spinach would be useless. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid.



Salsify or Oyster Plant

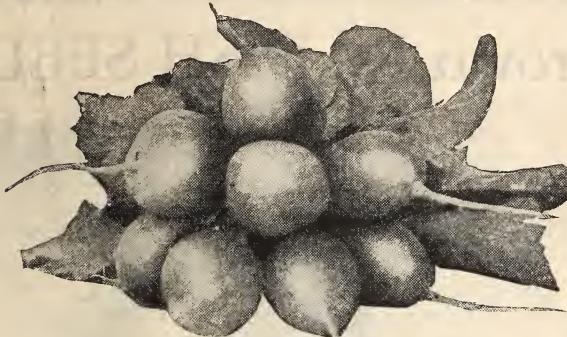
Culture. Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

MAMMOTH SANDWICH ISLAND SALSIFY. This is an improved type of Salsify and the best sort. The roots are double the size of the old Long Smooth variety, less likely to branch, and are of equally good quality and delicate flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.75, postpaid.

Your King of Denmark Spinach is the best I have ever grown or used.

John G. Allee, Miles City, Mont., Box 727.

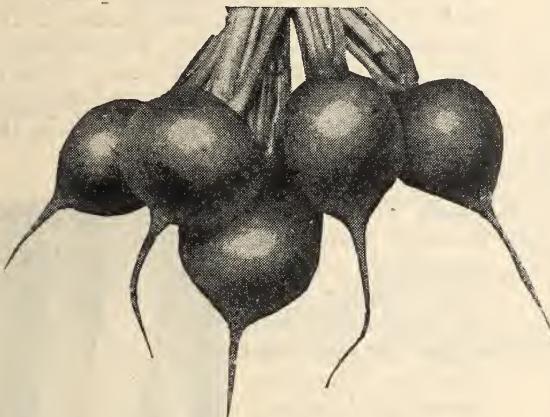
Mammoth Sandwich Island Salsify



Will's Early Carmine.

EARLY SCARLET GLOBE. The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.

FIREBALL—NON PLUS ULTRA. An early round Radish of bright scarlet color and pure white flesh; crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.



Crimson Giant.

of the best varieties for outdoor culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.

MODEL BOX. White Radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped Radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.

LONG SCARLET SHORT TOP. Sometimes called Cincinnati Market. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine-red in color, and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

I am enclosing my second order for this year. I have been a regular customer of Will's since 1905, and have always been more than satisfied.

F. L. NORMAN, Kirby, S. D.

**MORE RADISHES LISTED
ON NEXT PAGE**

Will's Northern Grown RADISH SEED

Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 775 seeds to the packet.

WILL'S EARLY CARMINE. Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.



Saxa.

There is no comparison between Southern Grown Radish Seed and Our Northern Grown Stocks.

SAXA. The earliest, smallest topped Radish, and one of the slowest to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.40, postpaid.

CRIMSON GIANT. Extremely large, but never pithy or hollow. This Radish is of uniform globe shape. The skin is crimson; the flesh white, crisp, tender and sweet flavored. One



Fireball Radish.

Will's Northern Grown RADISH SEED



French Breakfast

FRENCH BREAKFAST. A half-long, very crisp and quick-growing Radish. In color it is a bright rose-scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 95c, postpaid.

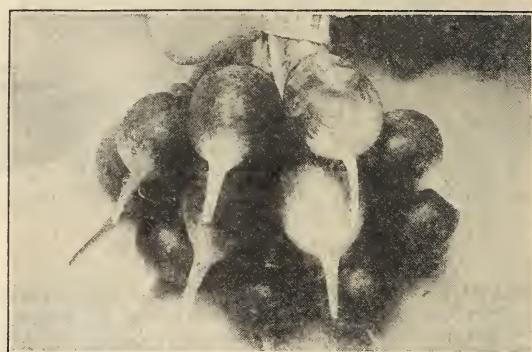
WHITE STRASBURG. One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.



Black Spanish Winter

BLACK SPANISH WINTER. One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.

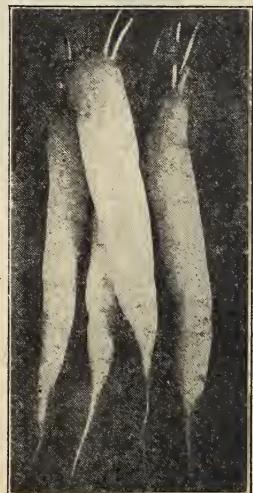
CHINA ROSE WINTER. One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; lb., \$1.05, postpaid.



Sparkler

SPARKLER. Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 50c; lb., \$1.00, postpaid.

ICICLE. The finest of the early pure white varieties. Their long, slender form and pure white skin make the roots attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor Summer planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 95c, postpaid.



White Icicle

I have used quite a few other Companies' seeds but can't find any that are as good as yours.—Your Customer, MRS. RALPH DAGUE, Vandalia, Minn.

Here is my order for this year. Have tried several companies but find your company the best of all.—ALFRED LYNNE, Hamberg, N. Dak.

PIONEER BRAND SEEDS—BEST FOR NORTHWEST



North Dakota Golden Gem Sweet Corn

*Professor Yeager's Latest Production. Nothing
Like This Ever Offered Before*

Three Weeks Earlier
than Golden Bantam

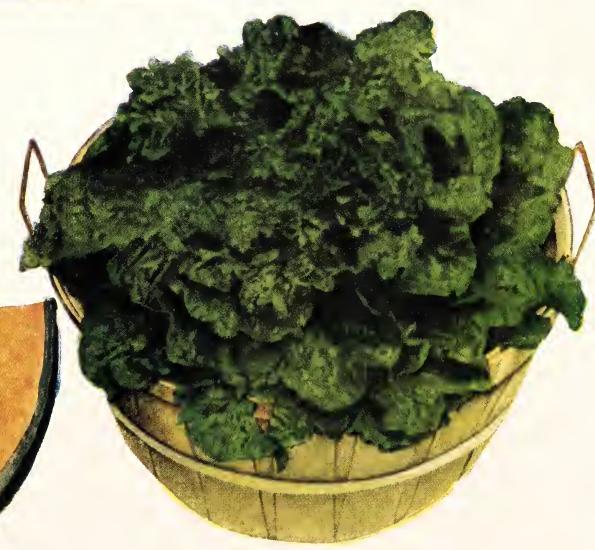
Eight-Rowed Ears, 6 to 8
Inches Long. Bantam Flavor

Price, Postpaid; pkt. 10c; 2 oz. pkg. 20c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 50c; lb. 85c.
See Page 22

Icicle Radish. Pkt. 5c; oz. 10c.
See Page 39



Extra Early Osage Muskmelon. Pkt. 5c; oz. 15c.
See Page 30



Early Curled Simpson Lettuce. Pkt. 5c oz. 15c.
See Page 27

WILL'S

Old-Fashioned Flower Garden
COLLECTION

Danlia Flowered Zinnia (Gold Medal Mixture). Pkt., 5c; 1/4 oz., 50c.
See Page 9



Helichrysum (Straw Flower) Mixed,
Pkt., 5c; 1/4 oz., 20c.
See Page 6.

Cosmos, Early Mammoth
Flowering Single Mixed.
Pkt., 5c; 1/4 oz., 20c.
See Page 5



Will's Old-Fashioned Flower
Garden Collection

One packet each of the
following:

Antirrhinum (Snapdragon)
Mixed Giant Flowered
Mixed Bachelor's Button
Double Camellia-Flowered Balsam
Cosmos, Early Mammoth—
Flowering Single Mixed
Dianthus—Chinese Pink
Helichrysum, (Straw Flower)
Mixed
Single Mixed Hollyhock
French Mixed Marigold
Mignonette, Machet
Mixed Morning Glory
Phlox Drummondii Grandiflora
Poppy, Mixed Carnation
Mixed Single Portulaca
Dwarf Ten Weeks Stocks
Sweet William
Dahlia-Flowered Zinnia Gold
Medal Mixture

Also one ounce each of the
following:

Will's Pioneer Brand Dwarf
Mixed Nasturtiums
Will's Imperial Mixed Sweet
Peas

This \$1.25 Value
Postpaid **75c**
for only



Phlox Drummondii Grandiflora. Pkt.,
10c; 1/4 oz., 30c.
See Page 7



Dianthus—Chinese Pink. Pkt., 5c; 1/4 oz.
20c. See Page 5

Will's Pioneer Brand Dwarf Mixed
Nasturtiums. Pkt., 5c; oz., 15c.
See Page 6



WILL'S LEADER COLLECTION



Copenhagen Market Cabbage. Pkt. 5c; oz. 30c.
See Page 18



Red River Tomato. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 80c.
See Page 47



OUR LEADER COLLECTION

Detroit Dark Red Beet
Copenhagen Market Cabbage
Danvers Half Long Carrot
Danish Perfection Cauliflower
Early Fortune Cucumber
Early Curled Simpson Lettuce
Extra Early Osage Muskmelon
Red River Tomato

Will's Dakota Globe Onion
Guernsey Parsnip
Harris Earliest Pepper
Will's Early Carmine Radish
Will's Improved Purple Top
Yellow Rutabaga
Improved Hubbard Squash
Will's Sugar Watermelon

15 packets—one of each of the above
fifteen of our most popular varieties
POSTPAID FOR

60c



Danvers Half Long
Carrot. Pkt., 5c; oz.,
10c.

See Page 20



Improved Guernsey
Parsnip. Pkt., 5c; oz.,
10c.
See Page 29



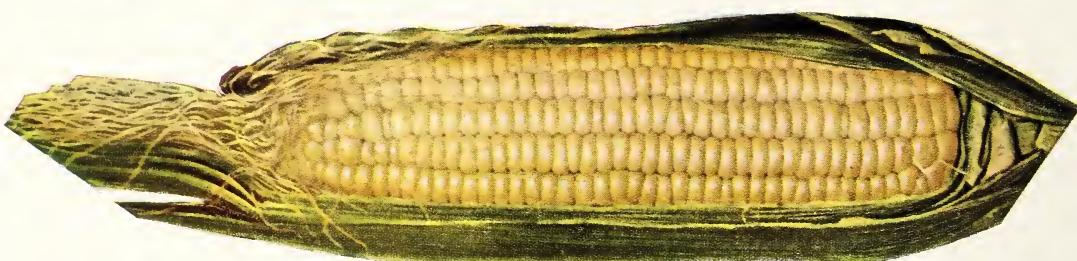
Will's Early Carmine Radish. Fkt., 5c; oz., 10c.
See Page 39



© 1931
Table Queen Squash. Pkt., 5c; oz., 15c.
See Next Page



Improved Hubbard Squash. Pkt., 5c; oz., 15c.
See Next Page



Sunshine Sweet Corn. Pkt., 5c; $\frac{1}{4}$ lb., 15c.
See Page 22



Will's Dakota Globe Onion. Pkt., 5c; oz., 20c.
See Page 35



Improved Golden Wax Beans. Pkt., 5c; $\frac{1}{4}$ lb., 15c.
See Page 13

Will's Squashes

Early and Hardy Varieties for the Northwest

Culture. One ounce to 25 hills, Summer, and one ounce to ten hills, Winter. Plant the hills in the same manner and the same time as melons, and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart. About 30 seeds to the packet.

Winter Squash



Buttercup

BUTTERCUP. A cross between Essex Hybrid and Quality developed by Professor A. F. Yeager of the North Dakota Experiment Station. The squash weigh between 2 and 5 pounds with thin, tough, green skin. The bright orange flesh is of extremely high quality without the green layer which underlies the skin of the Hubbard, Squash. Pkt., 10c; oz., 30c, postpaid.

IMPROVED HUBBARD. The Standard Winter Squash. More extensively grown for the market than any other variety. The fruits are large, heavy and moderately warty. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and

sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

TABLE QUEEN or DES MOINES. A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.60, postpaid.



Twenty-seven Pounds of Winnebago Squash

WINNEBAGO. When we introduced this variety eight years ago we called it the finest baking and general cooking squash we had ever tried. It still is. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have sampled. Even the past dry season we had many Winnebago Squash weighing over 20 pounds. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.00, postpaid.

General Purpose Squash

EARLY MANDAN SQUASH. The Very Earliest Squash in the World. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant and withal of fair quality. Pkt., 10c; oz., 30c, postpaid.

Summer Squash

ITALIAN MARROW—COCOZELLE. The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.80, postpaid.

MAMMOTH WHITE BUSH. Cyming or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

ARIKARA. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and good quality. It is a wonderful keeper. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid.



Arikara

MAMMOTH CHILI. Grown for exhibition and stock feeding, specimens have been grown to weigh over 150 pounds. The skin is a rich orange-yellow and the very thick flesh is yellow. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00, postpaid.

RED or GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warty, hard, strong and a bright orange-red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.



Gilmore Squash

GILMORE. A cross between the Winnebago and the Arikara combining the flavor and quality of the former with the earliness, hardiness and productivity of the Arikara. The skin is salmon colored tinged with blue green. The flesh is orange, thick and fine. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.00, postpaid.

General Purpose Squash

FORDHOOK. A desirable variety for both Summer and Winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw-colored flesh is extremely dry and sweet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.75, postpaid.

GOLDEN CUSTARD. Mammoth Yellow Bush. Identical with Mammoth White Bush Squash except for its color—yellow. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00, postpaid.

GIANT SUMMER CROOKNECK. A selection from the Crookneck Squash, but with straight rather than crooked neck. The fruits are intensely warty, 18 to 20 inches long and a deep orange in color. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

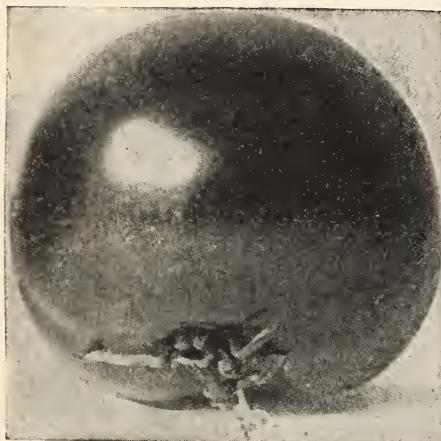
GIANT SUMMER CROOKNECK. A new variety early as common Crookneck and much larger, frequently two feet long. It is heavily warty, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

Will's Early Tomatoes

Culture. Sow in hotbed or shallow boxes in the house in early Spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.

MILLET'S DAKOTA. The hardest, most drought resistant early Tomato. Under the harsh, dry conditions of the Summer of 1926 and again in 1929, Millet's Dakota outyielded all other varieties at Bismarck. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality, although not as meaty as the Red River. Under fairly favorable conditions we believe the Red River will outyield Millet's Dakota, but under the harshest conditions we will back Millet's Dakota against all comers. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

EARLIANA. Selected Early Strain. One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort.



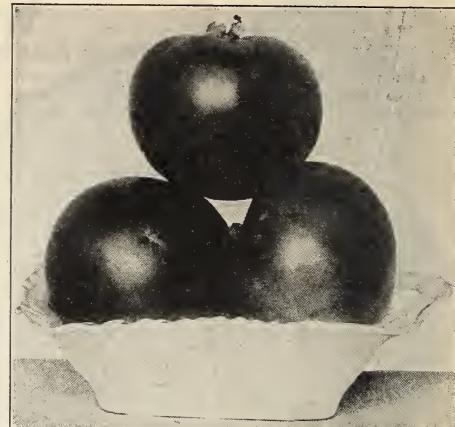
Selected Earliana.

self-pruning; grows a compact plant, puts all its energies into producing and ripening fruit and yields as high as forty pounds of solid, meaty, medium-sized red tomatoes to a well grown plant. This is the ideal Tomato for the North. Next year we expect to have an adequate supply, but this year can offer only packets at 20c each.

AGASSIZ. The result of a cross between June Pink and Livingston Globe made and developed by Professor A. F. Yeager of the North Dakota Agricultural College. It is slightly later than Red River, the scarlet fruits are larger and of very mild flavor. Professor Yeager says that "this variety has been the choice of the Superintendents of our substations here in North Dakota during the years they have tested it." We found this a very satisfactory variety the past Summer and are glad to be able to offer seed of our growing. Pkt., 15c; $\frac{1}{2}$ oz., \$1.00.

STONE. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

For Tomato Plants, See page 62.



Millet's Dakota.

I have used your Millet's Dakota Tomato Seeds before, and find them as you say, the best sold anywhere.
—Mrs. R. E. Nevin, Hamilton, N. D.

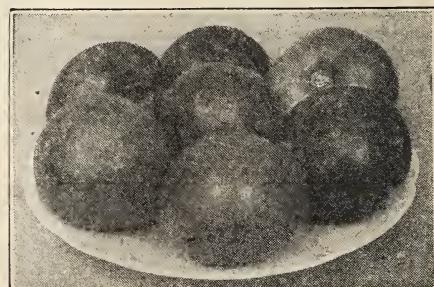
Pkt., 5c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

BISON. Here is Professor A. F. Yeager's most recent contribution. Instead of wasting its vitality in continuous or indeterminate branching, as do practically all other Tomatoes, this variety is determinate or

the very best second early sorts. As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

CHALK'S EARLY JEWEL. Perhaps the best second early scarlet-fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. Pkt., 5c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.

BONNY BEST. Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.



Bonny Best.

Hardy Tomatoes

RED RIVER. As early as the earliest and the most solid, meaty early sort we have ever seen. At the Canadian Experiment at Morden, Manitoba, it was the best yielding variety out of 49 sorts tried in 1927. In that same year the New York Experiment Station reported Red River as the best early, as did the Minnesota Experiment Station and the Crookston Sub-station. It is the result of a cross of Carter's Sunrise, a small, very meaty, greenhouse variety, with one of the North Dakota Experiment Station's selections of Earliana, made by Professor A. F. Yeager of the North Dakota Agricultural College. Red River is one of the earliest sorts and bears slightly flattened, smooth fruits, of medium size, bright scarlet color, solid meat and splendid flavor. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 80c; $\frac{1}{4}$ lb., \$2.25; 1 lb., \$8.00, postpaid.

One packet Red River Early Tomatoes. I am enclosing the price. I got the same kind from you two years ago. They are the earliest ones I have ever had in this climate, and so good too.

MRS. VIOLA J. MCKAY,
Fallon, Nev., Box 329.

The Red River Tomato is the Best Tomato I have ever seen grow in our climate at Head of Lakes Region. I'm going to try the Millet's Dakota one year yet. But I think the Red River has the lead. Yours truly,

MRS. W. R. WAHL, Foxboro, Wis.

The Red River are the best yielding and earliest Tomato I ever used. LUTHER STAMPS,
Moorecroft, Wyo., Box 142.

PONDEROSA. A very large, solid meaty, purplish-red tomato. It is a little late for the ordinary northern garden, but we list the earliest northern grown strain in response to a demand from southern customers and some northern gardeners who wish to grow the largest tomatoes. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.60, postpaid.



Red River Tomatoes.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c, postpaid.

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 45c, postpaid.

YELLOW PEAR. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c, postpaid.

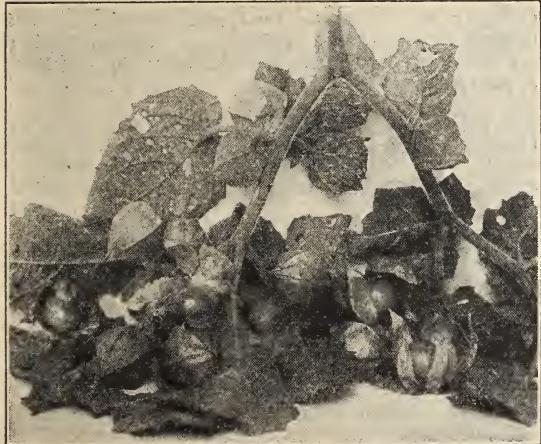
STRAWBERRY, GROUND CHERRY or HUSK TOMATO. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grade. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.

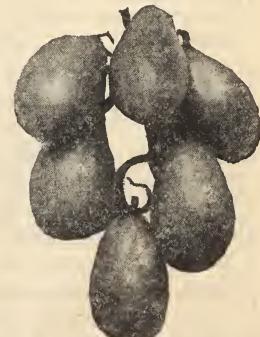
For Tomato Plants,
See Page 62.

GOLDEN QUEEN. "Queen of All the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.



Strawberry or Ground Cherry.



Yellow Plum Tomatoes.

Will's Best Rutabagas



Will's Improved
Rutabaga.

Culture. Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill, 1½ pounds per acre if drilled, and 2½ pounds if broadcast. About 1,900 seeds to the packet.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW.

The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

PAJBJERG BANGHOLM. We first introduced this wonderful variety from Denmark some fifteen years ago. The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yelder and a splendid keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.50.

WHITE SWEET RUSSIAN. One of the sweetest and best of the white rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm and sweet and keeps remarkably well. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$3.75.

Will's Best Turnips



Purple Top Strap Leaf.

Culture. Sow seed early in the Spring for the Summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre. About 2,200 seeds to the packet.

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid.

EXTRA EARLY WHITE MILAN. The earliest turnip, can be used Spring or Fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

EXTRA EARLY PURPLE TOP MILAN. Nearly as early as White Milan. The roots are medium sized, white, with purple top. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid.

WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 40c; 1 lb., 65c, postpaid.

PURPLE TOP WHITE GLOBE. A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 60c, postpaid.

YELLOW ABERDEEN. A long keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid.

I have used your seeds for the last 20 years, and have had splendid results.—Mrs. C. C. Gauthier, Carrington, N. Dak.

North Dakota Grown Seed Potatoes

All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost is Over

Irish Cobbler Seed Potatoes

Our stock of these is from the finest registered stock imported from Montana two years ago. In spite of the drouth we have had a good yield of high quality and good true stock. The Cobbler seems to be the heaviest yielding main crop sort on good soil. A white potato of very excellent eating quality. **F. O. B. Bismarck, 1 pk., \$1.00; ½ bu., \$1.50; bu., \$2.50; 5 bu. @ \$2.30.**

Early Triumph Seed Potatoes

THE MOST POPULAR EXTRA EARLY SORT

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets. **F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.50; 5 bu. or more @ \$2.30.**

Selected North Dakota Early Ohios

The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all. Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato. **F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.50; 5 bu. or more @ \$2.40.**

Early Idaho—Earliest of All

NORTH DAKOTA GROWN AND SELECTED

This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceedingly good quality from the first. **F. O. B. Bismarck, pk., \$1.25; ½ bu., \$1.75; bu., \$3.25.**

Potato Eyes

(By Mail or Express)

Plant 8,000 to 12,000 to the acre

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are in-



valuable. We do not forward until danger from frost is past unless especially directed to ship on a given date.

All varieties at the same price where eyes are sold. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1,000, \$4.50.**

Green Mountain

This is the most popular late potato at the present time. About as late as the Rural and as good or better yielder. A large white potato with medium shallow eyes slightly longer than it is through; of very high quality both as to eating and keeping. **Price, F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bu. or more @ \$2.50.**

Russet Main Crop White Potatoes

This is a medium late variety, a very heavy yielder under good conditions and a wonderful variety for keeping. Quality is very good as is the flavor. A somewhat long tuber with white skin marked by its thickness and the presence of a russet effect similar to russet apples. **Price, F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bu. or more @ \$2.50.**

Blue Victor

The Blue Victor is an old variety like the Triumph that is coming rapidly into renewed popularity. It is probably the best keeper, and shows the best quality in Spring of any of the main crop sorts. The potato is oblong and slightly flattened, flesh very white, dry and mealy, skin thick and of a dark blue or purple color, whence the name. Blue Victor is a medium late sort, requires good soil and moisture, and with them produces a huge crop. **F. O. B. Bismarck, pk., \$1.25; ½ bu., \$1.75; bu., \$3.00.**

A Potato Novelty—Blue Salad Potato

This is a very interesting novelty obtained from a lady customer in Montana whose name we have lost. The potato is of a dark blue not only on the surface but clear through the tuber. This color persists after cooking, and used in potato salad a very decorative effect can be achieved. **Price, postpaid, 1 lb., 25c; 5 lbs., \$1.00; no eyes sold of this variety.**

Seeders and Cultivators

Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to 2 inches. Price, complete, boxed, F. O. B. Bismarck, \$14.00. Shipping weight, 44 pounds.

Hudson No. PE1 Single Wheel Cultivator and Pulverizer

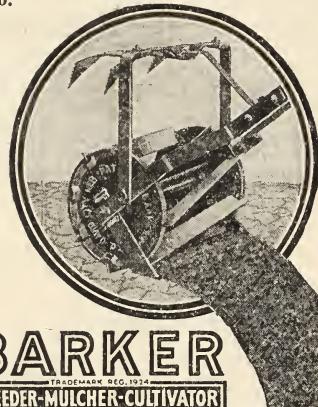
This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. Shipping weight, 12 pounds. F. O. B. Bismarck, \$3.30.

No. 8½

Barker Jr.

These combination machines combine the operations of weeding, cultivating and mulching. They are easy to operate, even a child can handle one, and do a perfect piece of work in a minimum of time. Width of cut 8½ in., has three shovels and leaf guards. Price, F. O. B. here, \$7.75.

BARKER
TRADEMARK REG. 1934
WEEDER-MULCHER-CULTIVATOR



Extra Heavy—Long Lasting—Emerald Cord

This is the very best hose procurable at any price, and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. Price, cut to any length, with couplings, 18¢ per foot, F. O. B. Bismarck.

Imperial

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 13¢.

Mohawk or Minnesota Garden Hose

Black, a good durable hose though of a somewhat cheaper quality. 50-ft. length, \$4.50.

Justrite Nozzle

A well made adjustable nozzle with the washer attached to the coupling end. Gives fine or coarse spray or solid stream. Price, each, 65¢; postpaid, 75¢.



Customer Pays Transportation Charges Unless Item Is Marked Postpaid.

Hudson Combination Seeder and Cultivator No. 201

We are again offering this new machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. Price, boxed, handles furnished, F. O. B. Bismarck, \$16.00. Weight, 56 pounds.



Hudson No. 201

Hudson No. 342 High Wheel

This is a first class cultivator of the easy running, high wheel type. Price Complete, F. O. B. Bismarck, \$3.90.

Hudson Cultivator No. 218

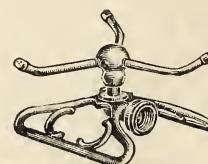
This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between rows. F. O. B. Bismarck, boxed, \$9.50. Shipping weight, 32 pounds.

Hudson Double Wheel Hoe No. 214

Same as No. 218 except less cultivator teeth and plows but with an extra wheel for cultivating astride row. F. O. B. Bismarck, boxed, \$8.50. Shipping weight, 32 pounds.

Hoiland Wild Oat Separator

This is the only machine which will take wild oats out of all other grains including tame oats. It comes in two sizes, one handling ten to twenty bushels per hour, the other about twice as much. Price, F. O. B. Bismarck or Fargo, small size, \$35.00; large, \$50.00.

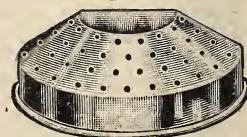


Dollar Lawn Sprinkler

This is wonderful value for the money. Gives a widely distributed, uniform spray covering a circle of 30 to 40 feet. Price, each, \$1.00; postpaid, \$1.10.

Victor Half Circle Lawn Sprinkler

Designed for the small lawn, especially where the water should carry in one direction only, as along the edge of walks, etc. Easily moved without turning off. Each, 50¢; postpaid, 60¢.



Reduced Freight Costs to Distant Customers

After a good deal of consideration we have decided to try an experiment in the interests of our more distant retail customers and with the hope of increasing our business with them.

We have decided to *reduce freight charges* by delivering freight shipments of **SEED CORN**, **ALFALFA** and **SWEET CLOVER**, **OTHER CLOVER** and **GRASS SEEDS** to the nearest point to us on the railroad line which serves them. In other words when retail customers so instruct us *we shall make shipment from Minot and Fargo for Great Northern points, from Linton and Aberdeen for points in South Dakota on the Milwaukee and Northwestern Railroads and from Terry for Montana points on the Milwaukee.*

Such shipment may mean some delay in delivery as we shall have to make up car lots, and we shall only handle by this plan *when so instructed by the customer with advice as to point from which he wishes shipment. This offer is good to May first only.*

Pioneer Brand Seed Corn

FROM THE MISSOURI VALLEY IN NORTH DAKOTA

Prices of Seed Corn include sacks, are f. o. b. here and subject to prior sale and change without notice
TEST ALL SEED CORN WHEREVER OBTAINED

Once more we have come through one of the driest years in our history with a fair crop of corn where we planted the right sorts. Falconer, Gehu, Dakota made the best crops because they were used to Northwestern climate. About the old earth lodge villages such as the one pictured on our front cover the ancestors of these varieties grew for several hundred years, all the time becoming better adapted to the soil and climate of our region. For nearly fifty years Oscar H. Will & Co. have been working with these native strains. Is it necessary to point out that the **Pioneer Seed House** of the Northwest is the safest source for your seed corn?

SEED CORN IS OUR SPECIALTY—our stock is all grown from seed of our own selection. We hand sort all Seed Corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of Seed Corn can be produced anywhere. **Remember, that we have bred and introduced practically all of the best varieties of Corn for the Northwest.** You will find them in the following pages.

Every lot of Corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. Mistakes will occur in the warehouse sometimes, and feed Corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods. We are always glad to make things right.

A Corn Handbook for the Northern Great Plains

Corn Growing, Corn Cultivation, Corn Harvesting, Seed, Etc.

This is a new book covering the subject of Corn in the Northwestern States and Western Canada. It is written in popular style, yet at the same time gives the scientific facts about Corn growing, seed selection and food values of varieties. Deals with the history of Corn in the Northwest, varieties and their particular uses, seed Corn selection and breeding, methods of planting, cultivating and harvesting, and the utilization of the crop, under the varying climatic conditions of the Great Plains.

Published by the Webb Publishing Co., written by George F. Will.
Price, here, 50c. Postpaid to any address, 60c.

A Copy of the Handbook Free with Each Seed Corn Order of \$10.00 or More

WILL'S GEHU—Most Popular Flint

The best known of our native early flints; might well be called the **universal Corn**. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its **feeding qualities are the highest** of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. **Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground.** Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$1.75; bu., \$3.25; 100 lbs., \$5.80. State Certified Seed, 30c per bu. higher.**



Gehu Flint

There is a State Seed Corn Law requiring every sack of Seed Corn sold to have a tag upon it showing the State and County in which the Corn was grown. Insist that this information be given you with every bushel purchased!



Will's Dakota White Flint

Will's Dakota White Flint

The Earliest, Most Drought Resistant, Highest Yielding of the Standard Early Flints.

Dakota White Flint, the first Corn developed by Oscar H. Will in the early eighties, has stood the test of years and is a standard for earliness and hardiness. It is a pure, pearly white flint with long, slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill, which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint Corn matures with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$6.20.** State Certified Seed, 50c per bu. more.

Shota White Flint Corn

Upon which we have been working for a number of years, is a pure white flint with ears considerably longer than those of the Dakota, and kernels a trifle larger. It grows from 6 inches to 1 foot taller, and is about a week later. It produces quantities of fine feed as the main stalk is not heavy and there are many suckers. The ears grow well up from the ground. This variety is a cross made by us between a tall, rather late white flint from the Iroquois Indians of New York State, and our own Dakota White Flint. We feel that we have produced in SHOTA a new Corn of real value. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$6.20.**

Burleigh County Mixed or Dakota Squaw Corn

Hardy—Early—Heavy Yielding

This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardiness and heavy yield. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It

is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed.

This Corn shells out heavier than any other variety. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$1.40; bu., \$3.50; 100 lbs., \$6.20.

Assiniboine Flint Corn

FROM THE CANADIAN INDIANS—EARLIEST TYPE OF CORN GROWN

This exceedingly early and hardy little Corn was secured by us from the Assiniboine Indians of Saskatchewan and has been raised there for decades. It is one of the very earliest and hardest types of Corn in the world. Ripens 10 days before the Gehu and Dakota so has an especially useful place in hogging off. Yields only 15 to 20 bushels if checked in but if drilled at the rate of 25 lbs. per acre will yield as high as 40 or 50 bushels per acre. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$3.50; 100 lbs., \$6.20.**

Rainbow Flint for Fodder

While we have not found Rainbow Flint to be a safe variety for maturing Corn in our state, we recognize its high value as a silage and fodder Corn, and since we have located a dependable supply of seed, we are once more listing it. Rainbow is one of the native varieties of flint from the Indians of Northern Nebraska, and possesses the leafy, heavy bearing qualities of the native types as well as its hardiness and weather resistance. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$6.20.**

Mercer Yellow Flint

THE TALL, LEAFY SILAGE CORN

This is the third time for many years that we have listed the Mercer Flint. There is, however, quite a demand for it from the eastern part of the state, especially for silage purposes. There is little waste in converting it to silage on account of the slender stalk. Rather late, but often ripens. About as sure as early strains of Minnesota No. 13. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$2.00; bu., \$3.50; 100 lbs., \$6.20.**

Last Spring I bought most of my garden seeds of your firm, but my wife went to the store and got some seeds that came from a seed house further south. Now I can tell in the garden just which seeds came from the Pioneer Seed House as they are the only ones which have come up and are growing. It has been a bad spring for gardens and only the hardy seeds came through. My people have farmed in Dakota for three hundred years or more and know how to raise things here.

Sincerely your friend,
An Arikara Indian Farmer, RUNNING WOLF.

Falconer Semi-Dent

Hardest and Highest Yielding



Falconer Corn has now definitely come to be the principal variety of Corn over the whole Northwest, and its popularity continues to grow in ever-widening circles. We believe it to be the most popular Corn that we have ever introduced, and our sales of Falconer are very much the largest. Our continued careful selection of seed each year demonstrates its value, and there can be no quarrel with the statement that Falconer is the ideal type of Corn for drought, hail and cold resistance.

It has been growing in its first form for more than 40 years in Burleigh County, being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance and our first stock came from him and was therefore named for him. It is consistently over our section the best yielder year in and year out of any sort and while it is by no means as handsome as the pure dents it is very much more productive on the average. It is of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. Cobs are white, ears 12- to 14-rowed, and from 8 to 10 inches long. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25; 100 lbs., \$5.80. State Certified Seed, 50c per bu. higher.

Mandan White Flour Corn

North Dakota Grown for 200 Years—Requires No Grinding—Wonderful for Hogging Off

Government tests have demonstrated that the flour Corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of Corn. In response to an urgent demand we have grown a sufficient supply of the white flour Corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$1.90; bu., \$3.50; 100 lbs., \$6.20.

Pride of the Plains

WHITE FLOUR CORN

The New Drought Resistant, Leafy, Heavy Yielding Hybrid. A medium early flour corn, with exceptional drought resistant qualities, and wonderful silage and feed possibilities on account of the length and number of its leaves, a quality peculiar to the desert corn of the Southwest which is one of its parents. The ears are large and of excellent feeding quality. It is a selection from a cross made by us a number of years ago between the drought resistant corn of the Zuni Indians who live in the most arid section of New Mexico in pueblos on the high mesas and the white flour corn from our own Ft. Berthold Indians. For drought resistance it should be planted unusually deep. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50; 100 lbs., \$6.20.

Novel and Unusual Corn Varieties

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 50c. 5 lbs., f. o. b. Bismarck, \$1.00.

HOWE'S ALBERTA FLINT. The earliest yellow corn that grows. A Canadian production. Great for hogging off if planted thickly.

MANDAN YELLOW FLINT. Said by the Ft. Berthold Indians to be their very earliest and most cold resistant sort.

DAUPHIN FLINT. This is an extra early yellow flint developed Northwest of Winnipeg and especially cold resistant.

BEAR ISLAND. A large eared Squaw corn from the Chippewa of Northern Minnesota. Adapted to cool, moist conditions and very prolific.

TURTLE MT. FLINT. The earliest type of white flint, frost resistant and very hardy. Much used at high altitudes and latitudes for roasting ears.

MANDAN KING. A tall, leafy flint suited to silage. Our stock is short but we hope to list this in large quantities again soon.

MANDAN-NAVAJO YELLOW FLOUR. Another cross between the hardy northern Indian type and the desert corn of the Southwestern Indians. Prolific and drought resistant.

ZUNI-PERUVIAN RED HYBRID. This is an interesting Corn particularly on account of the very dark reddish purple color which in many of the plants dominates ear, cob, stalk and leaves. It has possibilities as an ornamental.

SMUTNOSE FLINT. A medium early flint of the New England flint type. Yellow with red tip.

MANDAN-IROQUOIS YELLOW FLINT. A cross between typical varieties from the two tribes mentioned. Tall and leafy but rather early.

MANDAN SPECKLED FLOUR. This is one of the several flour corn types grown by the Ft. Berthold Indians.

DAKOTA GOLD. A cross between Mandan yellow flour corn and Wisconsin Golden Glow.



Square Deal Yellow Dent

Earliest and Hardest of Yellow Dents

Square Deal was the first pure dent Corn introduced by us and still holds first place for earliness and hardness in the Yellow Dent group. It was selected by Oscar H. Will and first grown in 1904. It is partial to a heavy, well watered soil and is not well adapted to light and dry locations.

Square Deal is a true yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears pre-

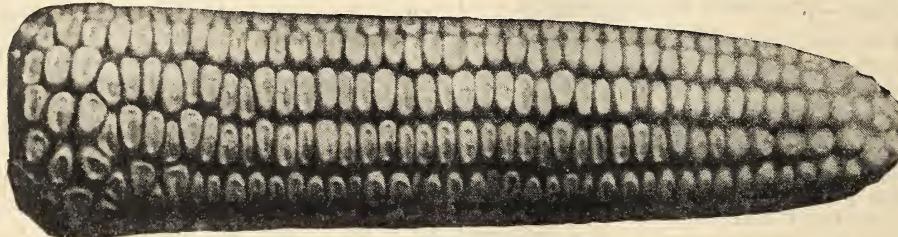
dominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It has the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50; 100 lbs., \$6.20. Certified Seed, 50c per bu. higher.

Minnesota 13 Yellow Dent

Extra Early Strain

MINNESOTA 13 is one of the most popular varieties of Corn for silage and fodder purposes in the Northwest. It is adapted, however, only to good soil and favorable conditions. It will mature in a favorable year, but is on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is

much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$2.00; bu., \$3.60; 100 lbs., \$6.40.



Pioneer Dent

Pioneer White Dent Corn

The Earliest, Hardest White Dent in Cultivation

Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop.

It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker, as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., twenty-four

years ago, Corn which he had at that time raised for twenty years in North Dakota.

This Corn has never failed to produce some ripe Corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$3.50; 100 lbs., \$6.20. Certified Seed, 50c per bu. higher.

Alta Yellow Dent

This is a medium late yellow dent resembling Minnesota 13 in appearance. About as early as Haney Strain 13 and our tests seem to show that it is better adapted to the drier sections of the Northwest than is the 13. It was produced by

Professor Manley Champlin when at the S. D. Station at Highmore in the high plains region of that state. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$2.00; bu., \$3.75.

4X Fodder Corn—Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time

to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted in rows 3 to 4 feet apart; if broadcast, use about $2\frac{1}{2}$ bushels. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.25; 100 lbs., \$4.00

Will's Original Northwestern Dent

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.

Northwestern Dent has been in the past more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Our strain is the early one, from 5 to 7 ft. tall, and ripens in 80 to 90 days. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50; 100 lbs., \$6.20.



Hybridized Northwestern Dent

Hybridized Seed from Inbred Strains

In official trials of fourteen varieties in 1929 under Experiment Sta. authorities our strain of Hybridized Northwestern Dent was the highest yielding of all. It also outyielded the common strain of Northwestern dent by 17 per cent.

The latest discovery in corn breeding has demonstrated that the heaviest yields are obtained by crossing strains of corn which have previously been carefully inbred. We began our inbreeding 11 years ago and have proved the improved yield from crossing by several trials. This is the third year we have been able to offer hybridized, high-yielding seed, but in 1927 our crop failed to germinate satisfactorily so that orders were not filled. This year our seed is of the very highest germination. Lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; $\frac{1}{2}$ bu., \$3.25; bu., \$6.00.

Acme Fodder Corn

The Best Silage Corn for the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. F. O. B. Bismarck, 10 lbs., 90c; $\frac{1}{2}$ bu., \$1.75; bu., \$3.00; 100 lbs., \$5.20.

Sweet Fodder Corn

Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.25.

The Will's Gehu Flint corn that I purchased of you last spring outyielded any field corn I ever grew. I planted half an acre and had eighty bushels.

IRVIN H. RAY, Ceres, N. Y.

Your Dakota Squaw, Assiniboine and Dakota white flint are sure croppers, all ripening in this high country (6,600 feet).

WALTER WHITECOTTON, McCoy, Colorado.

NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

Hard Wheats

MARQUIS (N. D. REGISTERED). Grown and selected for us from Canadian stock. We believe it to be unusually perfect stock. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., \$1.00; bu., \$1.50; 5 bu. @ \$1.30.

CERES (REGISTERED). This wheat is fast making a high place for itself. Drouth, rust and heat resistant, it was this year our best yielder. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., \$1.00; bu., \$1.50; 5 bu. @ \$1.30.

GARNET. Its particular value lies in its extreme earliness. It is of Canadian origin and of excellent quality. We consider it the best of the early wheats. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., \$1.00; bu., \$1.40; 5 bu. @ \$1.30.

Durum Wheats

KUBANKA. This variety is the standard of quality for the macaroni type wheat. High yielding and rust resisting. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 90c; bu., \$1.20; 5 bu. @ \$1.00.

MINDUM. This is a special rust resistant wheat of the Kubanka type developed by the Minn. Experiment Station. Nearly the same as Acme. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 90c; bu., \$1.20; 5 bu. @ \$1.00.

D1 or MONAD. The most drouth resistant of all durums. A product of the N. D. Experiment Station. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 80c; bu., \$1.20; 5 bu. @ \$1.00.

Seed Oats

GOPHER. These are perhaps the best all around oat for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; $\frac{1}{2}$ bu., 50c; bu., 80c; 5 bu. or more @ 75c.

SIXTY DAY. The earliest oat and hence ripens before wild oats; suited to dry conditions, and a good yielder. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; $\frac{1}{2}$ bu., 50c; bu., 75c; 5 bu. @ 70c.

VICTORY. This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 50c; bu., 80c; 5 bu. @ 75c.

EARLY MOUNTAIN. This fine oat is of Swiss origin and has given over many years very fine results at the Dickinson Experiment Station. A thin hulled, very plump oat, medium early, white. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; $\frac{1}{2}$ bu., 50c; bu., 80c; 5 bu. @ 75c.

NOTICE. We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. Field seeds and grain are sold under the non-warranty clause on first inside cover.

Spring Seed Rye

NORTH DAKOTA SPRING. Useful as a late crop both for hay and grain, excellent for summer pasture. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; $\frac{1}{2}$ bu., 75c; bu., \$1.25.

PRICES ON WINTER WHEAT AND RYE FURNISHED AFTER JULY 15TH.

Seed Barley

N. D. R. NO. 2121. This is a rather new production of the N. D. Experiment Station. It is a selection of the Manshury 6 row type which has been uniformly high yielding and of excellent quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 70c; bu., \$1.10; 5 bu. @ \$1.00. Registered Seed only.

TREBI BARLEY. Another of the newer six row varieties which has been giving remarkably good results over the Northwest. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; $\frac{1}{2}$ bu., 60c; bu., 90c; 5 bu. @ 85c.

CHARLOTTETOWN NO. 80 BEARD SHEDDING. This barley is of the two row type which gives the highest average yields over most of the Northwest. It is of especially high quality and usually brings a premium. A large part of the beards fall off in the field before harvest. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 65c; bu., 95c; 5 bu. @ 90c.

WHITE HULLLESS or BALD BEARDLESS. A very early, six row barley without beards and which threshes out of the straw like wheat. Very useful for hogging off, due to the lack of beards. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.25; 100 lbs., \$2.25.

BLACK HULLLESS. A wonderful hog feed. Similar to the white but a heavier yielder and has beards. Somewhat drouth resistant. The grain is very heavy. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.20; 100 lbs., \$2.00.

Seed Flax

BISON. This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50. Registered seed 25c per bu. more. Get our prices on larger quantities.

BUDA or NO. 119. Very tall and rank growing, small seeded but a heavy yielder. Very wilt resistant, and showed some drouth resistance the past year. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50.

ARGENTINE. Large seeded. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25.

CLEAN SEED FLAX. This is unpedigreed flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; $\frac{1}{2}$ bu., \$1.60; bu., \$3.00.

Speltz or Emmer

SEED EMMER. This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; 40 lbs. or 1 bu., 75c; 100 lbs., \$1.80.

YAROSLAV EMMER or SPELTZ. This is a carefully selected special variety, of higher yield than the common. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 40 lbs. or 1 bu., 85c; 100 lbs., \$2.10.

Prices include sacks, and are subject to market changes without notice.
Write for prices on large lots. In case of price advances or reductions, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

Sorghums

EARLY AMBER CANE. This has come to be one of the most important fodder crops in the Northwest. Broadcast at the rate of 40 to 50 lbs., drill 20 to 30 lbs., or drill with a corn planter and cultivate at the rate of 6 to 10 lbs. Price, 1 lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$3.25; 100 lbs., \$6.00.

DAKOTA AMBER CANE. This is used mostly for syrup making. Amber cane raised in North or South Dakota or Minnesota. Price, 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

FETERITA. A close relative to Kaffir corn but earlier and better adapted to the Northwest; very drought resistant. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$3.25; 100 lbs., \$6.25.

Sudan Grass

Sow 6 to 20 lbs. per acre.

Perhaps the heaviest yielding of our annual hay crops. May be cut several times and furnishes excellent pasture for all livestock. Not injurious to any animal. Lb., 30c, postpaid. F. O. B. Bismarck, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.00; 100 lbs., \$11.00.

Dwarf Essex Rape

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$6.00; 100 lbs., \$11.00.

Soy or Soja Beans

Sow 20 to 50 lbs.

We handle only the earliest and hardiest varieties, principally the Minnsyoy and Wisconsin Early Black. Suited to warm soils only. Excellent for hay or silage. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$4.00; 100 lbs., \$7.00.

Sunflower Seed

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00.

Proso Type Millets

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$1.80; 100 lbs., \$3.50.

BROOM CORN or HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. Postpaid, Lb., 20c. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.25; 100 lbs., \$4.00.

TAMBOFF or TURGHAI PROSO. We are exceedingly glad to be able to offer once more this very excellent variety of proso which we have been unable to furnish for the past year or so. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.00; 100 lbs., \$3.75.

Hay Millets

SIBERIAN MILLET. This is the hardiest and most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.50.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$3.00; 100 lbs., \$5.50.

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$3.25; 100 lbs., \$6.00.

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle, though the stalk is sometimes considered too coarse. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 85c; 50 lbs., \$3.50; 100 lbs., \$6.00.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$3.25; 100 lbs., \$6.00.

Pioneer Brand Buckwheat

Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.

JAPANESE. The Japanese Buckwheat is the largest seeded variety grown, as well as the hardest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.00.

SILVER HULL. This is the later, heavier yielding variety which is common in the East, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.00.

Pioneer Brand Field Peas

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$9.00.

WHITE MARROWFAT. Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$6.00; 100 lbs., \$10.00.

Will's Pioneer Brand Grass Seed

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass, which has come to be the most important tame grass for Northwestern conditions, is an exceedingly valuable pasture grass, especially for early Spring and late Fall, but produces only a rather poor quality of hay. For hardiness and general resistance to severe conditions, it is unequalled. Is a good producer of turf and valuable on sandy soils, as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge, therefore, that you buy brome grass seed from reputable seedsmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 pounds per acre. Lb., 35c, postpaid. F. O. B. Bismarck, 15 lbs., \$3.50; 50 lbs., \$11.00; 100 lbs., \$20.00.

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown Timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is hardy grass so far as standing the Winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere: we do not recommend it for the Northwest. 1 lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$12.00.

RED TOP or HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.25; 50 lbs., \$16.00; 100 lbs., \$31.00.

KENTUCKY BLUE GRASS. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasture. It will stand considerable hardship but should not be sown on high rolling prairie land in the

Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the Fall. Sow 20 pounds per acre. 1 lb., 65c, postpaid. F. O. B. Bismarck, 10 lbs., \$5.25; 50 lbs., \$25.00; 100 lbs., \$45.00.

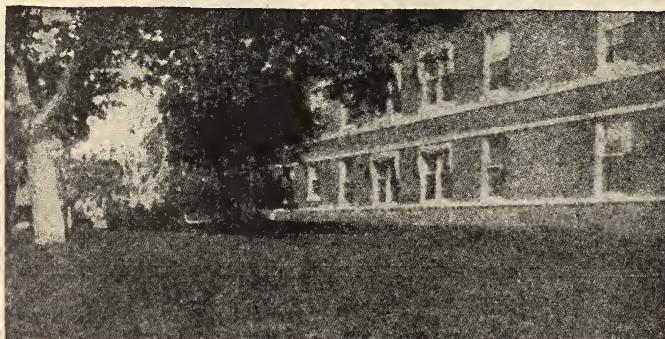
MEADOW FESCUE or ENGLISH BLUE GRASS. This grass, while not as valuable as Bromus and Western Rye, is one of the earliest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and therefore withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.50; 50 lbs., \$10.00; 100 lbs., \$18.00.

WESTERN RYE or SLENDER WHEAT GRASS. The best hay grass for the Northwest, the best dry lawn grass, hardy, drought resistant, of good quality, a native variety. This grass is being increasingly grown in the Northwest and wherever tried gives the greatest satisfaction. In Canada it is already recognized as one of the most important features of their agriculture. It is not as rank a grower as brome grass but is relished more by stock. Does not suffer from close pasturing and makes an excellent hay. We have demonstrated by experiment during the past several years that it is the best grass to use for lawn purposes under severe conditions and where water is not available. It stands cutting better than the brome grass and looks much better on account of its finer foliage. Postpaid, 1 lb., 30c; 5 lbs., \$1.20. F. O. B. Bismarck, 15 lbs., \$3.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

CRESTED WHEAT GRASS. The newest and very best Grass for the Plains Regions. Crested Wheat Grass is an introduction by the Bureau of Plant Industry from the steppes region of Siberia. It is adapted to a rainfall under 20 inches. In comparison with slender wheat grass and brome grass it is a slightly heavier yielder of hay, producing from 1 to 1½ tons per acre. It becomes green in Spring even earlier than brome grass and stays green later in the Fall. Where the slender wheat grass will not spread to any extent, the crested wheat will spread widely and completely cover the ground. This is undoubtedly the most important grass introduction that we have for the general plains conditions. Absolutely cold hardy. Lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs. (enough for one acre), \$4.00; 50 lbs., \$16.00; 100 lbs., \$30.00.

Will's Emerald Lawn Mixture

Registered U. S. Patent Office



A FINE BISMARCK LAWN FROM OUR EMERALD MIXTURE

This lawn grass mixture has been planted in the Northwest for forty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

There are no coarse seeds in this mixture. Use 1 lb. to 200 square feet.

The mixture is composed of only the highest grade seeds of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at catalog price and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald Lawn Mixture. Accept no substitute. Lb., 60c, post-

paid. F. O. B. Bismarck, 5 lbs., \$2.60; 10 lbs., \$5.00; 20 lbs., \$9.75; 100 lbs., \$48.00.

DAKOTA LAWN MIXTURE

This is a utility mixture, for those who do not wish to give the time and attention necessary for a first class lawn, and yet want a nice appearing grass plot about the house. It is made up of coarser and harder grasses but requires some water to keep it up. Clover may be used with it to good advantage. Price, 50c per lb., postpaid. F. O. B. Bismarck, 5 lbs., \$2.00; 10 lbs., \$3.75; 20 lbs., \$7.00.

Use Western Rye Grass for lawns without water.

Use Red Top Grass for shady spots in lawns.

See page 60 for White Dutch or Lawn Clover.

Directions for Sowing a Lawn

Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to two hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green. All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedsmen who can furnish you with the official purity test of his seed.

Fertilizers for All Purposes

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. **Price, 10 lbs., 40c; 25 lbs., 60c; 50 lbs., 80c; 100 lbs., \$1.25; 500 lbs., \$6.00; 1,000 lbs., \$11.00; one ton, \$20.00.** F. O. B. Bismarck.

STEAMED BONE MEAL. (The great phosphorus supplier). Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the Spring. Especially useful to stimulate bloom in peonies. **Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.75. F. O. B. Bismarck.**

NITRATE OF SODA. The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. **F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.**

MURIATE OF POTASH. Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. **F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.**

AMMONIA SULPHATE. The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. **Price, 10-lb. bag, \$1.00; 100 lbs., \$6.50. F. O. B. Bismarck.**

SUPERPHOSPHATE. Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Has given some startling results in experiments made in the Dakotas. Use one to two hundred pounds per acre. It may be broadcasted on. **Price, 46% formula, per 44 lb. bag, \$1.30; per 100 lbs., \$3.25.**

VIGORO

with this complete,
balanced diet

VIGORO

Complete plant food



The Most Satisfactory All Round Fertilizer. Vigoro has been so well popularized, and so universally used in the past year that it hardly needs a description. It is a balanced compound of the best types of ingredients in proportions best suited to the ordinary plant needs. It is particularly adapted to use on the lawn, in the flower garden and on trees and shrubbery around the home. And it is equally valuable for the house plant and window box. Use 4 lbs. to 100 square feet. Comes in all hand sizes. **Price, F. O. B. here, 5 lbs., 60c; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$6.00. Postpaid, 12 oz. pkg., 15c or 10c here.**

STIM-U-PLANT. Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets make one gallon strong fertilizer. **Pkg. of 30 tablets, 25c; postpaid, 30c. Pkg. of 100, 75c; postpaid, 85c.**

FEEDEM. For House Plants, Lawn and Garden. Made by the manufacturers of Nitragin Inoculant. A balanced mixture of very high analysis, concentrated beyond the ordinary plant food and so much more efficient. **4-oz. size, 30c; 8-oz. size, 50c, F. O. B. here. Postpaid, 4-oz. size, 35c; 8 ozs., 60c.**

Inoculate All Peas, Beans, Clover, Alfalfa, Cow Peas, and Soy Beans with NITRAGIN INOCULANT

Specify which of the following seven cultures you wish: A, for alfalfa and sweet clover; B, for all other clovers; C, for all varieties of peas, sweet peas, vetches and lentils; D, for all sorts of field and garden beans; E, for cow peas, lima beans, velvet beans, and peanuts; S, for all varieties of soy beans.

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN

TRADE MARK REGD. U. S. PAT. OFF. NO. 37717

Restores and Maintains Soil Fertility



It is almost a waste of seed to plant any of the above items without inoculating them first. The inoculant bacteria are necessary to make the plant thrive as well as to increase the nitrogen content of the soil. We have found the NITRAGIN brand to be both inexpensive and very efficient.

Prices, A, B, C & D		Not		Prices, E & S		Not	
Postpaid	Postpaid	Postpaid	Postpaid	Postpaid	Postpaid	Postpaid	Postpaid
1/4 bu. size.....	\$0.45	\$0.40					
1/2 bu. size.....	.65	.60					
1 bu. size.....	1.10	1.00					
5 bu. size.....	5.00	4.75					
			\$0.45	\$0.40			
			1.75	1.50			

GARDEN PACKAGE OF NITRAGIN. For Sweet Peas, Garden Peas and Beans, lima beans and other leguminous plants that are planted in the garden. Handy size package of mixed inoculation. **Postpaid, 1 can, 25c. By express or freight, 20c.**

BALED PEAT MOSS Invaluable for use as poultry and chick litter and in the garden and greenhouse. Used at all poultry shows for litter in the coops owing to its absorbent qualities. Valuable to mix with soil in raising certain kinds of plants. **Price, home garden bale (equals 5 to 6 bu.), \$3.25; large bales (18 to 20 bu.), \$6.75.**



Pioneer Brand Alfalfa Seed

REGISTERED NORTHWESTERN GROWN GRIMM ALFALFA. This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium plant this seed. **Price, blue tag or first grade seed:** Lb., 65c, postpaid. F. O. B. Bismarck, 10 lbs., \$5.00; 50 lb. cotton sack, \$22.00; 100 lbs., \$44.00. **Red Tag:** Lb., 60c, postpaid. F. O. B. Here, 10 lbs., \$4.00; 50 lb. sack, \$18.00; 100 lbs., \$35.00.

NORTHWESTERN AFFIDAVIT GRIMM. This is genuine Grimm alfalfa which comes to us with the affidavit of the grower and the pedigree of the seed, but which is not registered and certified, and probably could not be. We do not recommend it to those who wish to grow seed, therefore, but to those who wish only to grow feed this affidavit Grimm represents a considerable saving in price. Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.50; 50 lbs., \$17.00; 100 lbs., \$32.00.

See Page 59 for Nitragin Inoculants for Clover and Alfalfa

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Liscomb, Cossack, Baltic, etc. The seed which we offer under this head is seed from fields with variegated bloom but for which the grower has no pedigree. The mere fact of hardiness and variegated blossom proves that it belongs to one of the hardy strains. Lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; 50 lbs., \$14.00; 100 lbs., \$27.00.

NORTH DAKOTA GROWN COSSACK ALFALFA. This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drought resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. This also we are sending out in strong 50-lb. sacks. Each lot is lettered. Lb., 55c, postpaid. F. O. B. Bismarck, Registered, 10 lbs., \$5.00; 50 lb. sack, \$23.00. Affidavit, 10 lbs., \$3.50; 50 lbs., \$16.00; 100 lbs., \$30.00.

Sweet Clover

THE GREAT PASTURE AND HAY CROP AND BEE PASTURE

Send for Free Booklet If Interested

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

GRUNDY COUNTY SWEET CLOVER. This is a white blossom strain which is nearly two weeks earlier than the ordinary sort and not quite as rank a grower. It is increasing in popularity principally on account of its earliness. 1 lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; 50 lbs., \$6.50; 100 lbs., \$12.00.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell

seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. A wonderful pasture plant. 1 lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$6.25; 100 lbs., \$12.00.

HUBAM or ANNUAL WHITE SWEET CLOVER. This has come to have an established place as a soiling crop, and even more so as a good annual hay crop which may be planted earlier than such crops as the sorghums. It is a heavy yielder, and while producing hay or excellent pasture it also adds fertility to the soil at the same time. 1 lb., 60c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.50; 50 lbs., \$13.00; 100 lbs., \$25.00.

MIXED SWEET CLOVER SEED. For sowing on land where a catch is desired without breaking and cultivating, for scattering on old pastures and waste lands this mixed seed may be used to good advantage and with considerable saving. Prices, F. O. B. Bismarck, good quality mixed per 100 lbs., \$9.00.

Pioneer Brand Clover Seed

WHITE DUTCH or LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. **Postpaid, 1 lb., 65c. F. O. B. Bismarck, 5 lbs., \$2.75; 10 lbs. or more @ 50c.**

ALSIKE or SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 52c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; 50 lbs., \$15.00; 100 lbs., \$28.00.

MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.00; 50 lbs., \$18.00; 100 lbs., \$34.00.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 60c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.50; 50 lbs., \$19.00; 100 lbs., \$35.00.

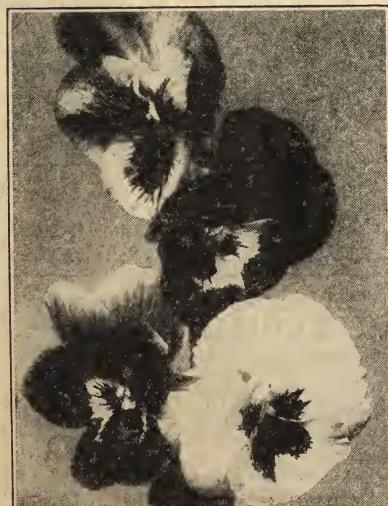
CLOVER AND ALFALFA Seed Prices subject to change without notice—Value sent if prices are higher—Sacks included in Prices—All seed is scarified.



Fresh Cut Flowers.



Everblooming Begonia.



Will's Superb Pansies.

Greenhouse Department

We offer very fine seasonable CUT FLOWERS for any occasion. Bouquets, floral baskets and designs of all sorts for all floral uses. Immediate local and hospital deliveries.

WE TELEGRAPH FLOWERS. We are members of the Florist Telegraph Delivery Association, more than 5000 members all over the world. Guaranteed service to any place any time. This service is free with the exception of the telegraph and delivery charges. Flower orders for Christmas, Easter, Mother's Day and any other occasion will be forwarded by mail if received by us a week ahead of the date they are wanted.

EXPRESS. We recommend this service as faster, surer and safer than parcel post. Please examine all shipments on delivery, and if damaged or delayed, have the express agent make the proper notation on the receipt you will receive. We will be glad to enter claim for you, but must have the above receipt to establish the loss.

PARCEL POST. We list a postpaid price on all mailable articles, and must ask that remittance be made at this rate if postal service is desired. All other prices are F. O. B. Bismarck, N. D. We cannot guarantee safe delivery of plants and flowers sent by mail and will not entertain claims for late or damaged delivery when sent this way.

FERNS

We list the finest and most desirable varieties of these attractive ornamental plants. Easy to grow and care for. Postpaid prices. 3 in., 35¢; 4 in., 65¢. Mailed in paper pots. We do not mail the larger sizes. F. O. B. here, 3 in., 25¢; 4 in., 50¢; 5 in., \$1.00; 6 in., \$1.50; 7 in., \$2.00. Shipped in clay pots.

BOSTON (Sword Fern). Very popular and satisfactory. Furnished in all sizes.

HARRISONI (Ostrich Plume). Lovely crested foliage. As easy to grow as the Boston. All sizes.

ASPARAGUS PLUMOSUS (Lace

Fern). Lacy foliage and drooping fronds. Fine for jardinières. 3- and 4-inch sizes only.

ASPARAGUS SPRENCELEI (Feather Fern). Useful for window boxes, etc., both indoors and out. 3- and 4-inch sizes only.

HOUSE PLANTS

BEGONIA. The everflowering Gracilis type. Excellent as house plants, and in the spring fit nicely into the garden planting. **Gracilis Luminosa.** Deep scarlet, foliage reddish brown. **Prima Donna.** Lovely rose-pink, green leaves. 4 inch, 55¢ each. Postpaid, 75¢.

PELARGONIUM (Martha Washington). New types. **LUCY BECKER.** Rose pink. Very free bloomer. **WURTEMBERGIA.** Deep red. Velvety black blotches. 4 in., 75¢ each. Postpaid, 95¢. Ready for Easter.

PRIMROSE. Obconica everblooming type. Deep pink. Very popular. 4 in., 75¢. Postpaid, 95¢.

BEDDING PLANTS

(Shipped out of pots.)

Strong Plants grown in Pots and much better than Transplants. From 2½-inch pots, price 15¢ each; 2 for 25¢; \$1.40 dozen. F. O. B. Bismarck. Postpaid price, 25¢ each; \$2.00 dozen.

COLEUS. Indispensable for borders and massing. Yellow, red, variegated and Trailing Queen.

AGERATUM. Little Blue Star. Fine for edging and borders. 6 inches high.

LOBELIA. Compacta. Erect grower 4 to 6 inches. Bright blue blooms.

LOBELIA. Trailing. Blue. For window boxes, etc.

The following plants from 4-inch pots. 50¢ each; 3 for \$1.25; \$4.50 dozen. F. O. B. Bismarck. Postpaid, 60¢ each; 3 for \$1.50; 12 for \$5.50.

PETUNIAS. Single. Our leader for bedding.

Theodosia. Ruffled rose pink.

Floretta. Ruffled steel blue.

Rosy Morn, Balcony Blue and mixed

Ruffled Monsters.

SALVIA. Fiery red, late, free bloomer.

SNAPDRAGON (Antirrhinum). Large flowered. White, yellow, pink, red.

SWEET ALYSSUM. Low, white flowering border plant. Everblooming.

VERBENA. White, pink, red, blue and purple. Very desirable.

WILL'S SUPERB PANSY PLANTS.

The best that fine seed and constant care can produce. A rainbow of color. 65¢ per doz.; \$2.25 per 50¢; \$4.00 per 100. Postpaid, 80¢ per doz.

CHOICE ASTER PLANTS. We offer

strong plants of the early flowering American Beauty type in pink, lavender, white and purple. 50¢ per doz.; \$1.75 per 50¢; \$3.25 per 100.

Postpaid, 65¢ doz.; \$1.00 per 100.

BEGONIA. See under House Plants.

DAISY. Marguerite. Single white with yellow eye.

CANNAS. Strong plants of all varieties listed under "Bulbs," next page.

GERANIUMS. Strong heavy plants.

Beante Poitevine. Salmon pink.

La Favorite. Very fine white. Early.

Mrs. Gloede. Attractive rose-pink.

Very early. Sun-proof.

Red Barney. The first blooming red.

Crimson and always in flower.

PETUNIA. Prize Double. Fine plants in mixed colors.

ORNAMENTAL VINES

From 3-inch pots. Price, 35¢ each; 3 for 90¢; \$3.50 per dozen. F. O. B. Bismarck. Postpaid price, 45¢ each; \$4.25 dozen.

ENGLISH IVY. Dark green foliage, for use both indoors and outside.

GERMAN IVY. Bright green leaves.

Fine for window and porch boxes.

VINCA MAJOR. Dark green leaves, strong grower.

VINCA VARIEGATA. Green and white foliage. The vincaes are the best vines for window boxes.

Will's Vegetable Plants for the Garden

Strong, stocky plants grown from the highest grade seed obtainable of the better varieties for northwestern gardens. Potted Tomato Plants pay very well as they start bearing two to three weeks before Transplants.

PLEASE NOTE Parcel Post and Express instructions on preceding page.



Potted Tomato Plant.



Transplanted Cabbage Plants.

	POSTPAID			F. O. B. BISMARCK			
	Per	Per	Per	Per	Per	Per	
	12	50	100	12	50	100	1,000
CABBAGE. Best Early Transplanted.....	\$0.35	\$1.15	\$2.00	\$0.25	\$0.85	\$1.50	\$12.50
CABBAGE. Best Late Transplanted.....	.35	1.15	2.00	.25	.85	1.50	12.50
CAULIFLOWER. Transplanted Early.....	.40	1.25	2.25	.30	1.00	1.75	15.00
CELERY. Transplanted, Self-Blanching...	.40	1.25	2.25	.30	1.00	1.75	15.00
EGG PLANT. Transplanted Early.....	.60	1.85	3.25	.50	1.60	2.75	....
GROUND CHERRY. Transplanted.....	.45	1.55	2.50	.35	1.15	2.00	....
PEPPER. Sweet, Transplanted.....	.50	1.60	2.75	.40	1.25	2.25	....
PEPPER. Sweet, Potted.....	1.25	4.00	....	1.00	3.50	6.00	....
TOMATO. Transplanted, Best Early.....	.45	1.55	2.50	.35	1.15	2.00	....
TOMATO. Potted, Best Early.....	1.25	4.00	....	1.00	3.50	6.00	....
TOMATO. Yellow Plum.....	.45	1.55	2.50	.35	1.15	2.00	....
SWEET POTATO. Prolific Jersey.....	.35	1.15	2.00	.25	.85	1.50	12.50

Summer Flowering Bulbs

Complete cultural directions with each order. All bulbs priced postpaid.

Cannas

These stand at the head of all bedding plants, especially where a massed effect is desired. Strong dormant roots. Each, 15c; 2 for 25c; \$1.50 per dozen, postpaid.

KING HUMBERT. 4 to 5 feet. The most popular Canna. Great orange-scarlet flowers. Bronze foliage.

THE PRESIDENT. 3 to 4 feet. Immense glowing scarlet with green foliage. Best of its type.

VENUS. Glorious pink with narrow yellow border. Green foliage. Different and highly desirable.

YELLOW KING HUMBERT. 4 to 5 feet. Large orange-yellow blooms. Vermilion spots. Green leaves.

CANNA PLANTS. See under "Bedding Plants" on preceding page.

Dahlias

Dahlias are the most gorgeous of all summer flowers, both as color in your garden and as cut flowers for indoor decoration. The bulbs multiply rapidly and may be kept from year to year. We list only desirable varieties of the newer sorts in the different types and colors. Strong dorman roots. Priced postpaid.

HERCULES. (Decorative.) Our Leader for 1931! A giant bloomer of tangerine and deep yellow, reverse of petals deep tangerine. Vigorous plant with flowers on good stems. A beauty. Each, 70c; 3 for \$1.90.



Decorative Dahlia.

OREGON BEAUTY. (Dec.) Remarkable for its size and intense oriental red coloring with golden sheen. Very early. Each, 30c; 3 for 75c.

AMBER QUEEN. (Pompon.) Rich amber apricot. Distinct and attractive; very free blooming; new. Try one. Each, 25c; 3 for 60c.

ROSE. (Show.) Color a deep rose shade that pleases everyone. Each, 30c; 3 for 75c.

SUNSET GLOW. (Cactus.) Flame scarlet, large blooms, a fine cut flower. Each, 40c; 3 for \$1.00.

QUEEN OF NORTH MENTOR. (Dec.) A ball variety, rich yellow and very free flowering. Stands dry weather well. Long stems and a good keeper when cut. Each, 40c; 3 for \$1.00.

IDA MAY CARLETON. (Peony.) Tyrian pink and white. Tall hardy plant, fine stem, striking flower. Each, 25c; 3 for 65c.

DAKOTA. (Dec.) Deep rich coral red with coppery autumn-like shadings. Large and very popular. Each, 50c; 3 for \$1.30.

SPRINGFIELD. (Cac.) Salmon-pink and amber. Very good keeper. An improved Countess of Lonsdale. Each, 35c; 3 for 90c.

BONNIE BLUE. (Dec.) Purple-blue in color. An all-purpose dahlia of fine form and in great demand. Each, 30c; 3 for 75c.

DREER'S WHITE. (Show.) Pure glistening white, free and early flowering. Fine cut flowers. Each, 25c; 3 for 65c.

PRIDE OF CALIFORNIA. (Dec.) Huge crimson red flowers on long stems. A prize winner. Each, 25c; 3 for 65c.

CAPITAL DAHLIA MIXTURE. This mixture is made up of choice Dahlias of all types and colors including some very fine ones that have gotten mixed in handling. Only 65c for 6; 12 for \$1.20, postpaid.

\$1.20 WILL'S FAMOUS DAHLIA COLLECTION \$1.20

And our finest dahlia value for 1931. One strong bulb each of QUEEN OF NORTH MENTOR (Dec.) Rich yellow. SUNSET GLOW (Cac.) Fiery scarlet. BONNIE BLUE (Dec.) Purple-blue. AMBER QUEEN (Pom.) Apricot. ROSE (Show) Rose, very large. Listed separately for \$1.65, in this collection all for \$1.20, postpaid.

WILL'S BIGGEST DAHLIA VALUE.

GLADIOLUS

Growing in popularity by leaps and bounds as they are recognized as the most satisfactory of summer flowering bulbs. Gladiolus are insect free and reproduce rapidly. The newer sorts as offered below are great improvements in color, size and form over those available at reasonable prices in the past. Will's Gladiolus Bulbs are all strong, healthy, first (largest) size. Not less than six at dozen prices; 25 and over at 100 rates. **ALL BULBS PRICED POSTPAID.**

The approximate number of days from planting to bloom given immediately following the variety name.

Red Shades

***DR. F. E. BENNETT.** 90 days. One of the best of the new ones. Peach red, overlaid with flame-scarlet, throat speckled ruby and white. A very attractive large red. Flower arrangement fine. **A bargain at 20c each; \$1.80 doz.; \$12.00 per 100.**

***SCARLET WONDER.** 74 days. Mammoth pure deep scarlet flowers on tall strong stems. This is always popular at the Flower Shows. Prolific. **12c each; \$1.10 doz.; \$7.50 per 100.**

BEATRIZ MICHELENA. 90 days. Large flowers, many opening at once. A beautiful peach red overlaid with fiery orange. Thin ruby stripe through lower petals. **14c each; \$1.25 per doz.; \$8.40 per 100.**

***MRS. LEON DOUGLAS.** 86 days. The largest glad, we believe. Ground color begonia rose striped with flame and brilliant scarlet. A prize winner everywhere. **16c each; \$1.45 doz.; \$9.60 per 100.**

MRS. FRANCIS KING. 86 days. Jasper red, lower petals splashed deeper red. Very large flowers on tall straight spikes. **8c each; 75c doz.; \$5.50 per 100.**

Pink

***CRINKLES.** 88 days. A wonderful rose pink intensely ruffled. Sure to please. **16c each; \$1.45 doz.; \$9.60 per 100.**

FAV LANPHIER-MISS AMERICA. 74 days. Coral lustre with cerise blending, beautiful and attractive. A novelty in type with graceful spikes and large flowers which light up well. Very early. **18c each; \$1.65 doz.; \$10.80 per 100.**

***W. H. PHIPPS.** 90 days. The masterpiece in Gladiolus. LaFrance pink overlaid with light rose salmon, lighter toward the center. Lower petals faintly striped and speckled with ruby. Flowers enormous. It is a tall grower and will open up to 20 blooms at once. Truly the wonder glad. **25c each; \$2.25 doz.; \$15.00 per 100.**

MARIETTA. 73 days. A marvelous Gladiolus of extra size and splendid spike. Light salmon, the lower petals shaded a bright burnt orange. Always admired. **14c each; \$1.25 doz.; \$8.40 per 100.**

BREAK O'DAY. 73 days. Massive spikes with several flowers opening at a time. Soft LaFrance pink flushed over a cream ground color, shading deeper at tips of petals and throat. The most striking extra early variety ever produced. **14c each; \$1.25 doz.; \$8.40 per 100.**

DR. W. VAN FLEET. 74 days. Tall plant, flowers of remarkable form and size. Magnificent rose pink in color. Throat canary yellow. **10c each; 75c doz.; \$6.00 per 100.**

***TYCKO ZANG.** 83 days. Beautiful shade of clear salmon pink with white throat. Large blooms and tall heavy foliage. **15c each; \$1.35 doz.; \$9.00 per 100.**

LONGFELLOW. 85 days. This stately glad has made a great hit. One of the very finest with large wide-open blooms of lovely LaFrance pink perfectly arranged. Stands heat well. **25c each; \$2.25 per doz.; \$15.00 per 100.**

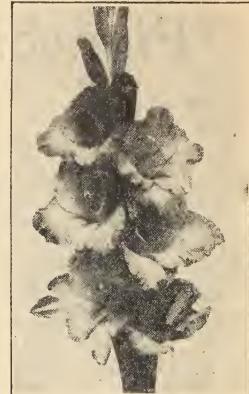
WM. C. BADGER. 88 days. This glorious flower is an unusual favorite. Coral pink edged darker. Tall spikes of large flowers, six to eight open at a time. **14c each; \$1.25 doz.; \$8.40 per 100.**

White

***ALBANIA.** 72 days. Color purest glistening white, wide open flower, broad petals with finely ruffled edges. Five flowers open at a time and a splendid keeper. Early and prolific. **12c each; \$1.10 per doz.; \$7.50 per 100.**

MARIE KUNDERD. 75 days. Of purest white with soft pink line in lower petals. A fine early white Gladiolus. **16c each; \$1.45 doz.; \$9.60 per 100.**

A. G. S. Cultural Directions Free with Every Order.



Gladiolus

Yellow and Buff

***ETHELYN.** 78 days. A beautiful tall primulinus variety of orange yellow, petals tipped with bronze. **12c each; \$1.10 doz.; \$7.50 per 100.**

***GOLD.** 74 days. Claimed to be the best yellow. A fine clear self-color. Recommended. **14c each; \$1.25 doz.; \$8.40 per 100.**

ORANGE QUEEN. 74 days. A lovely copper orange. Self-color primulinus type. Much in demand. **14c each; \$1.25 doz.; \$8.40 per 100.**

***JOHN T. PIRIE.** 76 days. In a class by itself. Mahogany-brown with yellow border. A lovely novelty. **15c each; \$1.35 doz.; \$9.00 per 100.**

Lavender and Blue Shades

***CAPTAIN BOYNTON.** 74 days. White, suffused lavender, blotched deeper lavender in throat. A very popular variety. **16c each; \$1.45 doz.; \$9.60 per 100.**

CHARLES DICKENS. 80 days. A new radiant purple that has taken the lead in this color. A really different and very pleasing glad. **30c each; \$2.70 doz.; \$19.00 per 100.**

PRIDE OF WANAKAH. 85 days. A rich lavender rose, shading much deeper in the throat. A beautiful variety and one of the best. **20c each; \$1.80 doz.; \$12.00 per 100.**

***ANNA EBERIUS.** 73 days. A deep Rhodamine-Purple shading into a very deep bordeaux center. Has created a sensation wherever grown. Early. **12c each; \$1.10 per doz.; \$7.50 per 100.**

PURPLE GLORY. 76 days. Tyrian-rose, suffused amaranth-purple; a dark velvety purple throat. This wonderful ruffled glad is the best of the "Glory" group. **20c each; \$1.80 doz.; \$11.00 per 100.**

WILL'S ARISTOCRAT GLADIOLUS OFFER

\$1.25 (See Inside of Back Cover) \$1.25

The biggest "Glad" bargain of the year. One first (largest) size bulb of each of the twelve lovely varieties marked in our list with a star (*). Each sort a leader in its color and all prize-winners. The quickest way to Glad success. Listed separately at \$1.85. This very popular collection offered for \$1.25, 3 for \$3.55, postpaid.

AURORA GLADIOLUS COLLECTION

An exceptionally attractive group and bound to please. One each of all the 25 splendid varieties as offered above. First (largest) size strong healthy bulbs. Listed separately at \$4.04. A sunburst of value at \$2.70, 3 for \$7.95, postpaid.

THE PIONEER GLADIOLUS MIXTURE

Up-to-date, popular and satisfactory. Giving a superb array of bloom. Large, strong, vigorous bulbs. **12 for 45c; 30 for \$1.00; 50, \$1.50; 100, \$2.75, postpaid.**

MADEIRA VINE BULBS

Large dry bulbs. **12c each; 3 for 30c; \$1.00 per doz. postpaid.**

Pioneer Nursery of the Northwest

BISMARCK NURSERY

Oldest Nursery In North Dakota—Member American Association of Nurserymen.

We Have No Agents. For forty-five years we have sold nursery stock through our catalog and during that period have never employed a nursery agent.

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

Special Nursery Premium. With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

CURRENT AND GOOSEBERRIES are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

TREES BY MAIL. We can ship parcels up to 70 pounds in first, second, and third zones, and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries and orchard. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

Trees for Windbreak, Woodlot or Lawn

Customer Pays Transportation Except Where Marked Postpaid.

Our list of trees is hardy for the Northwest but for farm planting and dry conditions it is wise to stick to the old standbys, cottonwood, box elder and ash, with a few of the introduced sorts of tested value such as Siberian Pea or Caragana and Russian Olive. With these may be safely mixed Buffalo Berry and Diamond Willow under some conditions.

Bargain Shelter Belt Collection

Will plant 4 rows of shelter belt, each 1000 feet long.

200 Ash, 12 to 18 inches.

200 Caragana or Siberian Pea, 12 to 18 inches.

Total Value

\$14.00

Special Price

\$12

200 Native Cottonwood, 10 to 20 inches.

200 Box Elder, 12 to 18 inches.

NORTH DAKOTA COTTONWOOD—*POPULUS DELTOIDES*. The foundation of prairie tree culture in North Dakota, and the backbone of all the many groves which dot our state. The most rapid grower and freest from disease of any of the poplar family. Once more the cottonwood is coming into its own and is in increasing demand. We have been headquarters for this tree for 48 years. Valuable for its quick growth both for shelter and wood, and it will produce successive crops of fuel if properly handled.

Collected Seedlings: 6 to 10 inches, 100, 60c; 500, \$2.25; 1000, \$4.00. 10 to 20 inches, 100, \$1.00; 500, \$3.00; 1000, \$5.50. 20 to 30 inches, 100, \$1.50; 500, \$4.00; 1000, \$7.50.

Nursery-Grown Transplanted: 3 to 4 feet, each, 10c; 10, 75c; 100, \$6.00. 4 to 6 feet, each, 15c; 10, \$1.25; 100, \$10.00. 6 to 8 feet, each, 20c; 10, \$1.85; 100, \$17.00. 8 to 10 feet, each, 30c; 10, \$2.50; 100, \$20.00.

BOX ELDER or MANITOBA MAPLE. The only representative of the maple family native to our state, and an old favorite for street and yard planting, and to thicken up a windbreak. Hardy, long-lived, can be trimmed to make a very symmetrical shade tree. 5 at 10 rates. 50 at 100 rates.

	Each	10	100	500	1000
6-12 inches			\$ 0.75	\$ 3.50	\$ 6.00
12-18 inches			1.00	4.50	8.00
18-24 inches			1.50	5.50	10.00
3-4 feet			\$ 1.00	7.00	32.00
4-6 feet			1.25	10.00	60.00
6-8 feet	\$ 0.25	2.25	20.00		
2-3 in. caliper	.50	4.00	30.00		

GREEN ASH. Is one of our native trees and has come to be regarded as the very hardiest tree under all conditions that can be planted. It is drought resistant, alkali resistant, and insect resistant. The only injury to which it is at all subject is the borer, and the damage from that is rather overestimated.

	Each	10	100
6-12 inches	\$ 0.75	\$ 3.00	\$ 5.50
12-18 inches	1.00	3.50	6.50
18-24 inches	1.50	4.50	8.00
3-4 feet	\$ 1.00	7.00	32.00
4-6 feet	1.25	10.00	60.00
6-8 feet	.35	3.00	25.00



Green Ash



2 Yr. Old Cottonwood Windbreak



Box Elder or Manitoba Maple

Hardy Evergreens for the Northwest

**Evergreens
Listed
Below by
Freight
or Express
Only,
Balled
and
Burlapped**



Black Hills Spruce Windbreak in McLean Co., N. D.

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much harder. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to transplant. **Price, each, 18 to 24 in., \$2.00; 12-18 in., \$1.00, nursery grown and transplanted.**

SELECTED COLORADO BLUE SPRUCE—*PICEA PUNGENS*. An elegant Colorado species with long, feathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. **12 to 18 in., \$3.00; 18 to 24 in., \$5.00.**

NORTH DAKOTA BULL PINE—*PINUS SCOPULORUM*. This is a native Pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. We sold a number for park purposes last year and the results have been wonderful. **2 to 3 ft., each, \$2.00; 3 to 4 ft., each, \$3.50; 4 to 6 ft., each, \$5.00. Ask for prices on ten or more.**

CREEPING JUNIPER—*JUNIPERUS HORIZONTALIS*. This is the lovely evergreen ground cover which we admire so much as it grows on the very tops of the Bad Lands Buttes and the Killdeer Mountains. We have had trouble getting acquainted with its habits and establishing it in our nursery, but now have it. **Healthy rooted clumps, each, \$1.50.**

BLACK HILLS SPRUCE SEEDLINGS. **Mail or Express.** This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardest of all the Evergreens and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for Spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. **Package of 100, not prepaid, 4 to 6 inches, \$3.50; postpaid, \$3.75.**

SCOTCH PINE—*PINUS SYLVESTRIS*. A fast growing, long-leaved pine from northern Europe, which has demonstrated its hardiness over much of our section and is giving a good account of itself in a number of old plantings. **2 to 3 ft., each, \$1.75; 18-24 in., \$1.25.**

JACK PINE. Fast growing, shorter leaved pine of Minnesota. Does well in sandy soil but not in heavy soil. **2 to 3 ft., each, \$1.00.**

NORTH DAKOTA BAD LANDS CEDAR—*JUNIPERUS SCOPULORUM*. This is our native type of red cedar which is of more upright or columnar habit and of a more handsome bluish color than the common kind, as well as being the hardiest of its family. Our stock is all collected in the Bad Lands, grown and established at our nursery and sent out balled and burlapped. **12 to 18 in., each, \$2.00.**

BUSH JUNIPER—*JUNIPERUS COMMUNIS*. This is the native Juniper bush which is of very great value for foundation plantings and formal evergreen groups. Its maximum height is not over 3 feet with spread usually twice as great or more. Hardy and of handsome bluish green shaded to reddish in Winter. **Each, about 10 to 12 inches high, \$2.00.**



American Elm.

AMERICAN ELM—*ULMUS AMERICANA*. The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. **4 to 6 ft., each, 40c; 10, \$3.50; 6 to 8 ft., each, 75c; 10, \$6.00; 8-10 ft., each, \$1.75; 10, \$17.00. Seedlings, 12-18 in., 100, \$2.25; 500, \$8.00; 1,000, \$15.00.**



Three-Year-Old Chinese Elm Windbreak.

CHINESE OR SIBERIAN ELM—*ULMUS PUMILA*. A new elm of recent introduction, of symmetrical and very rapid growth. Very drought resistant, making tremendous increase in size in very dry years. Apparently Winter hardy except in the most severe seasons when there may be some killing back. Of special value in mixed and general planting. Not adapted for specimen planting on lawn or boulevard as it is not so graceful as the native elm. **3 to 4 ft., each, 35c; doz., \$3.50; 4 to 6 ft., each, 45c; 10, \$4.00; 6 to 8 ft., each, 75c; 10, \$7.00.**

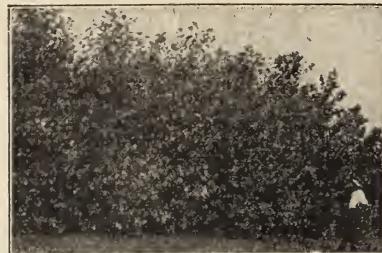
NORTHWEST POPLAR. A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. It is a handsome, fairly fast growing tree, very useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. 3 to 4 ft., each, 25c; 10, \$2.00. 4 to 6 ft., each, 35c; 10, \$3.00. 6 to 8 ft., each, 45c; 10, \$4.00.

SILVER-LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 4 to 6 ft. trees. Each, 40c; 10, \$3.75.

CUT LEAF WEEPING BIRCH. This is one of our most beautiful ornamental trees, but has been rather difficult to start. We believe, however, that we have solved this difficulty by handling them like evergreens and selling them balled and burlapped. We have some splendid stock. Price, each, \$2.50.

GINNALA or AMUR MAPLE. This is a very hardy, small maple from Siberia, especially noteworthy on account of its beauty of shape and foliage and the glowing colors which it takes on in the Fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. 4 to 6 ft., each, 40c; 10, \$3.00.

BIRD or PIN CHERRY—PRUNUS PENNSYLVANICA. A native of the state, which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. 3 to 4 ft., each, 35c; 10 for \$3.00.



Northwest Poplar Shelter Belt.

PIONEER POPLAR or MISSOURI VALLEY BALM OF GILEAD. This is a poplar discovered growing in one of the wooded coulees draining into the Missouri some 20 miles north of Bismarck. It seems to be intermediate in appearance and characteristics between the Northwest poplar and the Balm of Gilead and we are offering it to take the place of the latter. This new pop-

lar is less subject to canker, less brittle and of better shape than the common Balm of Gilead. 3 to 4 ft., each, 25c; 10, \$2.00.

NORTH DAKOTA BURR OAK. This is one of the most permanent and beautiful of our native trees but rather difficult to transplant. We are furnishing the larger size balled and burlapped. We are also offering stocky young trees from the seedling bed. Price, 3 to 4 ft., each, \$2.00; seedlings, 12 to 18 in., 10 for \$1.00.

BLACK WALNUT. We are very glad to be able to offer at last a hardy strain of these fine trees. Our stock has been grown in our own nursery from seedlings of Minnesota origin and has survived perfectly with us for three years. 3 to 4 ft. trees, each, \$1.00.

EUROPEAN MOUNTAIN ASH or ROANTREE—SORBUS AUCUPARIA. A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until Winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. Special price, 4 to 5 ft. trees, each, 60c; 10, \$5.50.

LINDEN or BASSWOOD—TILIA AMERICANA. This is a handsome lawn and shade tree, pyramidal in form, with large, bright green leaves. A native of eastern North Dakota and therefore very hardy. 4 to 6 ft., each, \$2.00.

WILLOW

GOLDEN RUSSIAN. The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks, and can also be trained into tree form. 3 to 4 ft., doz., 30c; 100, \$2.50; 1,000, \$20.00.

LAUREL-LEAVED. A handsome ornamental tree, with large, shiny, laurel-like leaves. Its bark stands out dark green in Winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family, both ornamental and for its value in windbreaks. 2 to 3 ft. size, doz., 50c; 100, \$3.75; 1,000, \$30.00.

DIAMOND WILLOW. Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. Seedlings, per 100, 90c; 500, \$3.50; 1,000, \$6.00. Cuttings, per 1,000, \$2.00.

WHITE ENGLISH. This seems to be the hardiest of the fast growing willows, and most drought resistant. A handsome tree with green leaves somewhat silvery on the under side, and green bark. A very rapid grower and suitable for windbreak and shelter where the location is not too high and dry. Especially valuable to screen the back yard and produce a quick background for the house. 3 to 4 ft., doz., 40c; 100, \$3.00; 1,000, \$25.00.



White English Willow.

Flowering and Ornamental Shrubs

We are listing a select number of hardy and beautiful shrubs which are particularly adapted to our climate. Many of them are natives that are in great demand all over the country but which we have hardly come to appreciate at their true value.

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as **sand cherry**, **native gooseberry**, **chokecherry** and **wild plum** which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.

WILL'S
Pioneer
Shrub
Collection
Postpaid
for \$1.50

Consisting of six handsome shrubs for foundation planting.

- 1 Spirea Van Houttei
- 1 Spirea Billardi
- 1 Rocky Mt. Cherry
- 1 Flowering Currant
- 1 Tartarian Honeysuckle
- 1 Spirea Fobelii

All are hardy in the northwest

Value \$2.10

Sent postpaid for \$1.50

BUFFALO or YELLOW FLOWERING Currant—RIBES AUREUM. One of the very hardest and best shrubs for the Northwest, a native of our Little Missouri Bad Lands. In early May it is covered with very fragrant and handsome yellow flowers which are succeeded by a large black fruit that makes excellent jelly or jam, and is exceedingly ornamental as well. Foliage takes on bright shades in the Fall. 2 to 3 ft., each, 35c; 10, \$3.00.

SUMAC, SMOOTH—RHUS GLABRA. Another very hardy and handsome shrub, native in the eastern part of our state. The handsome much divided leaves turn a brilliant crimson in the Fall, and the fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. Each, 30c; 10, \$2.50.

CISTENA PURPLE-LEAVED SAND CHERRY. This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubbery clump. 18 to 24 in., each, 50c; 10, \$4.50.



Smooth Sumac

HOPA RED FLOWERING CRAB. This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark crimson blossoms, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. Each, 50c; 5 for \$2.25.

SILVERBERRY—ELAEAGNUS ARGENTEA. The American cousin of the Russian olive. A less rank growing shrub, with many small yellow blossoms in the Spring of great fragrance. The unusual silvery color gives it great value in combination beds. 2 to 3 ft., each, 35c; 10 for \$3.00.

HAWTHORN, THORNAPPLE or RED HAW—CRATAEGUS. A shrub or small thorny tree, a hardy native, which is a mass of white flowers in Spring and after July is covered with large red berries of a beautiful shade which hang till late in the Fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as ours. Thrifty specimens, 12 to 18 in., each, 50c; 10, \$4.00.

JUNEBERRY or SASKATOON—AMELANCHIER CANADENSIS. A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the Spring and producing a large number of ornamental edible berries. Nursery grown, 2 to 3 ft., each, 30c; 10, \$2.75.

MAY DAY TREE. A handsome Siberian shrub resembling our chokecherry but blooming much earlier. In fact its leaves and blossoms are about the earliest thing to appear in the Spring. Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. 3 to 4 ft., transplanted, each, 35c; 10, \$3.00.

FRAGRANT OR AROMATIC SUMAC. This is a low growing variety forming a compact, glossy green bush from 2 to 5 ft. high and as broad. It has inconspicuous yellow flowers in the late spring and bright red berries toward fall. The leaves have much the odor of rose geranium. Price, 12 to 18 in., each, 40c; 10, \$3.50.



Buffalo Currant

CUT LEAF ELDER. This is one of the harder members of the elder family, resembling the ordinary sort as to fruit and habit of growth, but having a finely divided, feathery leaf which adds very materially to its beauty. Bears large clusters of small white flowers, followed by black berries. Each, 35c; 10, \$3.25.

GOLDEN ELDER. This is one of the most used of ornamentals to add an exotic touch of color to the planting. Golden Elder and Spirea Aurea furnish the yellows and the Cistena sand cherry furnishes a handsome red. 2 to 3 ft., each, 40c; 10 for \$3.75.

RED OSIER DOGWOOD—CORNUS STOLONIFERA. This is the handsome, red-barked dogwood which lends so much color to the Winter landscape along our streams in western North Dakota. Hardier than the Siberian dogwood, it is fully as beautiful. Bears flat clusters of fragrant white flowers in early Summer, followed by small white berries. The Autumn colors are brilliant. Also known as kinni-kinneck or Indian tobacco. 2 to 3 ft., each, 35c; 10, \$3.00. Large clumps, each, \$1.00.



May Day Tree

SNOWBALL—VIBURNUM OPULUS STERILIS.

An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. **18 to 24 in. size, each, 50c; 5 for \$2.25.**

BLACK HAW or SHEEPBERRY—VIBURNUM LENTAGO.

Another handsome native viburnum which attains a height of six to ten feet. Bears white flowers in flat clusters followed by blue black berries which remain through the Winter. Thick, glossy leaves take on beautiful colors and shades in Autumn. **2 to 3 ft., each, 45c; 10, \$3.75.**

HIGH BUSH CRANBERRY or PEMBINA BUSH—VIBURNUM AMERICANA.

A native shrub, flourishing on all but the driest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its **big clusters of red berries in the Fall.** Our native relative of the Snowball which it resembles in appearance. **Each, 50c; 5, \$2.25.**

CHINESE APRICOT—PRUNUS ARMENIACA.

This handsome shrub is one of the very earliest to bloom in the Spring and is therefore of unusual value. It flowers profusely before the

leaves appear, the blossoms being pink and white, the bushes varying. Fruit is small and hardly edible, but adds to the handsome appearance of the bush. **2 to 3 ft., each, 30c; 10, \$2.50.**

SIBERIAN FLOWERING ALMOND. This is the strain introduced by Professor Hansen. A very dwarf plant not growing taller than 3 feet or a little more. Is exceedingly hardy and drought resistant, being a native of the driest parts of Siberia. It is a mass of bright pink flowers in early Spring which last for some three weeks, very fragrant and fine for cutting. Also handsome on account of the Fall colors of its foliage. A beautiful low hedge. **12 to 18 in., each, 35c; 10, \$3.00; 25, \$7.00.**

CHINESE PEACH. Sometimes called Siberian flowering almond, though not quite the same as the almond. A handsome shrub attaining fairly large size, has a mass of pinkish white blooms very early in the Spring before most other plants are started. Useful as a natural, tall border, as an untrimmed hedge or as a specimen shrub. **18 to 24 in. size, each, 35c; 10 for \$3.00.**

DOUBLE FLOWERING PLUM—PRUNUS TRILoba. Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. **2 to 3 ft., each, 85c; 10, \$8.00.**

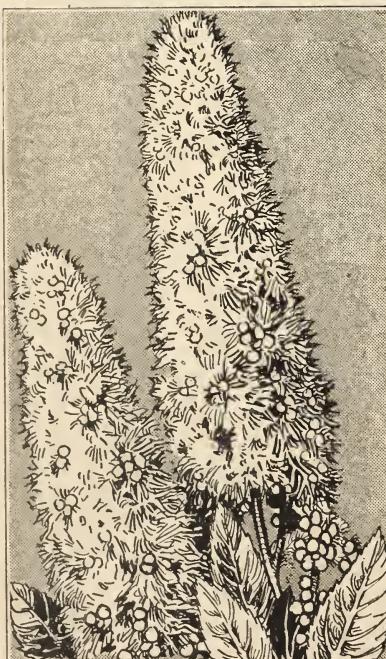
MANITOU FLOWERING PLUM. This is a handsome pink flowering plum with a multitude of single pink blossoms and very handsome foliage. An ornamental produced by the Minnesota Fruit Breeding Station. **Size 3 to 4 ft., each, 50c; 10, \$4.50.**



Siberian Almond.

PIREA, Van Houtte or Bridal Wreath. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. **2 to 3 ft., each, 30c; 10, \$2.75.**

PIREA, Arguta. A beautiful hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. **18 to 24 in., each, 40c; 10, \$3.75.**



Spirea Billardii.

PIREA, callosa rubra.

This is the same as the dwarf callosa alba except that the blossom clusters are a rosy red. Price same as callosa alba.

PIREA, callosa alba.

Like the A. Waterer, this is a dwarf, growing to a height of 24 inches. The large flat clusters of white flowers bloom nearly all Summer. Very attractive. **Each, 50c; 10, \$4.25.**

PIREA, Froebeli.

This is a spirea of the bumalda type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red, a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. **18 to 24 in., each, 35c; 10, \$3.00.**

PIREA, Margaritae. This is of a type similar to the Froebeli with flat clusters of handsome dark pink flowers, but it attains a height of some 5 feet, about twice as tall as the other bumalda types. A very striking shrub which blooms profusely in late July and August into September. Has proved exceptionally hardy. **18 to 24 in., each, 50c; 10, \$4.50.**

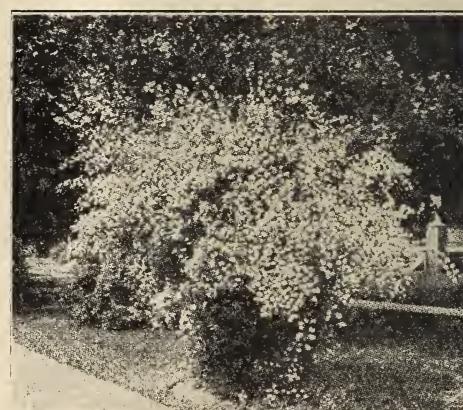
PIREA, Sorbaria. The ash-leaved spirea resembling a Mountain Ash in appearance. A most distinctive shrub with its large plumes of white and its distinct and handsome foliage. Much of the wood dies back in the Winter and new wood shoots up very early, upon which are borne the masses of flowers during the month of July. **18 to 24 in., each, 50c; 10, \$4.50.**

PIREA, Opulifolia (Ninebark). A very hardy and handsome shrub attaining a height of 4 to 6 feet, bears flat clusters of handsome white flowers in early July and these turn to red seed containers which add to the appearance of the shrub during most of the Summer. **2 to 3 ft., each, 40c; 10, \$3.75.**

PIREA, Aurea (Golden Spirea). A type of opulifolia with handsome golden colored foliage. **Each, 45c; 10, \$4.00.**



Snowball.



Spirea Van Houtte.

SPIREA, Billardi. A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. **18 to 24 in., each, 35c; 10, \$2.75.**

SPIREA, Alba or Salicifolia. This is a hardy native and the only native spirea in North Dakota. Resembles very closely the Billardi except that the blossoms are always white. **18 to 24 in., each, 35c; 10 for \$3.00.**

LILAC, Persian. This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. **2 to 3 ft., each, 50c; 10, \$4.50.**

LILAC, Common Purple (Syringa vulgaris). The old-fashioned shrub bearing dense panicles of lilac flowers in May. **Each, 35c; 10, \$3.00.**

LILAC, Common White. The old favorite with its pure white flowers of great fragrance. **Each, 35c; 10, \$3.00.**

LILAC, Villosa. Blooms after the Persian in month of June. The flowers are of a lilac-white and are in dense clusters. **18 to 24 in., each, 50c; 10, \$4.50.**

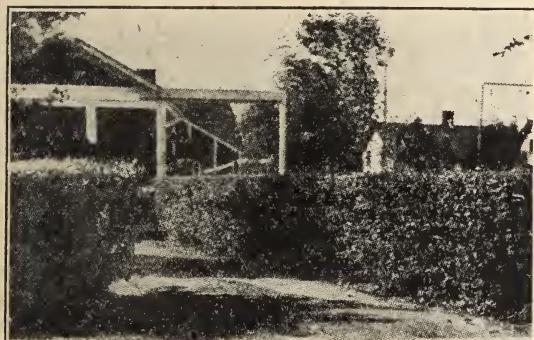
LILAC, Japonica. This is perhaps the largest of all hardy lilacs, attaining a maximum height of 20 to 30 feet. It is a slow grower and particularly remarkable for the very large size of its flower spikes which are often over a foot long. The flowers are of a yellowish white color, fragrant and large, and come about July first. Japonica is at present just coming into general knowledge and enjoys a large popularity wherever it is known. **Price, each, 18 to 24 in., 55c; 10 for \$5.00.**



Purple Lilac

Shrubs for Both Hedge and Ornamental Planting

BUCKTHORN. One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. **Plants, 12 to 18 in., each, 20c; 10, \$1.50; 50, \$7.00. 18 to 24 in., each, 25c; 10, \$2.25; 50, \$10.00.**



Siberian Pea Hedge

COTONEASTER, Acutifolia. This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where Privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. **18 to 24 in., 30c; 10, \$2.75; 50, \$12.50. 12-18 in., each, 25c; 10, \$2.25; 50, \$10.00.**

SIBERIAN PEA TREE—CARAGANA ARBORESCENS. The most popular of all the Russian and Siberian importations. Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pealike flower covers the plant in late May or June. Bark a handsome green in color. **12 to 18 in., each, 10c; 10, 75c; 100, \$4.00; 500, \$16.00. 18 to 24 in., 10, \$1.00; 100, \$5.00; 500, \$20.00. 2 to 3 ft., each, 15c; 10, \$1.25; 100, \$12.00.**

RUSSIAN OLIVE—ELEAGNUS ANGUSTIFOLIA. The hardiest of the Russian importations. Thrives on the poorest soils and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small silvery white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **12 to 18 in., each, 10c; 10, 80c; 50, \$3.00; 100, \$5.00; 500, \$20.00. 18 to 24 in., each, 15c; 10, \$1.25; 50, \$5.50; 100, \$10.00.**

TARTARIAN BUSH HONEYSUCKLE. The upright or bush form of the Honeysuckle and noted for the great profusion and fragrance of its flowers. Growing from 8 to 12 feet high (according to location), these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

Mixed. **18-24 in. Each 25c; 10, \$2.20; 50, \$10.00; 100, \$19.00.**

Red or Pink. **2 to 3 ft. Each, 35c; 10, \$3.00; 50, \$12.50.**

White. **2 to 3 ft. Each, 30c; 10, \$2.50; 50, \$11.00.**

OLD MAN or RUSSIAN ARTEMISIA. One of our very hardest and quickest growing hedge plants. Will make a 4-ft. hedge in a month or two. Semiperennial and kills back part way over Winter, but the new growth comes faster and stronger each year. Feathery branches covered with grayish green foliage and emitting a pleasant, pungent odor. **2 to 3 ft. Each, 25c; doz., \$2.50; 50, \$7.00; 100, \$12.00.**

BUFFALO or BULL BERRY (Shepherdia arg.). Red. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. **Price, 2 to 3 ft., 35c; 10, \$3.00; 50, \$12.50.**



1 Yr. Growth of Russian Artemisia

HARDY ROSES

Few Roses are suited to the climate of the Northwest and nearly all require some Winter protection. Of those we list, Rosa Pratincola, Harrison's Yellow, Rosa Rubrifolia and Hugonis are entirely hardy without covering. The Rugosa and its hybrids will kill back a trifle in severe Winters, but are generally hardy; all others should be cut back in the Fall and well covered, preferably with soil banked up, but at least with straw or manure. **Add 10c to price of Single Rose if ordered postpaid.**

Rugosa Hybrids**Sir Thos. Lipton**

SIR THOS. LIPTON (Hybrid Rugosa). This is one of the hardiest of the white Rugosa hybrids and one of the very best as to size and doubleness of the flowers as well, so we are offering it instead of the old white sort that we listed formerly. **Each, 80c; 5 for \$3.75.**

GROOTENDORST or CARNATION ROSE (Rugosa Polyantha Hybrid). Something new in Roses. Handsome Rugosa foliage with flowers in clusters like its baby rambler parent. The flowers, however, resemble carnations more than anything else and are of a delicate pink shade which heightens the resemblance. **Each, 80c; 5 for \$3.75.**

AMELIE GRAVEREAUX (Hybrid Rugosa). One of the most handsome hybrids. The color is a rather brighter red than Hansa and the flowers, though smaller, are better formed and resemble the Tea Roses more. Very fragrant, medium hardy. **Each, 80c; 5 for \$3.60.**

NEW CENTURY (Hybrid Rugosa). This is a handsome, light pink; bush rather low growing, 2 to 3 feet, but flowers of very large size. It is one of the hardier sorts, with the handsome leathery foliage of the Rugosa. A Van Fleet production. **Each, 80c; 5 for \$3.75.**

HANSA (Rugosa Hybrid). Crimson in color and one of the very hardiest. Strong and upright in growth, handsome foliage and blooms throughout the Summer most profusely. Flowers keep well when cut. **Each, 75c; 5 for \$3.50.**

SARAH VAN FLEET (Rugosa Hybrid). This is one of the newer Rugosa hybrids, a production of the famous Rose breeder, Dr. F. W. Van Fleet. This variety is exceptionally hardy, a thrifty, strong growing bush. Blooms heavily and almost continuously through the season. Flowers are very double, large and of a rose pink color. **Each, 75c; 5 for \$3.50.**

DR. E. M. MILLS. This is another Van Fleet production, being partly of the blood of Hugonis, which it resembles in many particulars, such as its habit of growing and blooming, and the beauty of its foliage. Extremely hardy and is covered in June with a dense mass of primrose colored Roses. **Each, 75c; 5 for \$3.50.**

Other Roses

HARRISON'S YELLOW (Briar Rose). After several years of comparison between this and the Persian Yellow, which is a very close relative, we have come to the conclusion that there is no apparent difference in hardness and that Harrison's is somewhat more double and has a larger blossom. It bears very profusely rather early in June and remains in flower for 10 days to three weeks. **Each, 85c; 10 for \$8.00.**

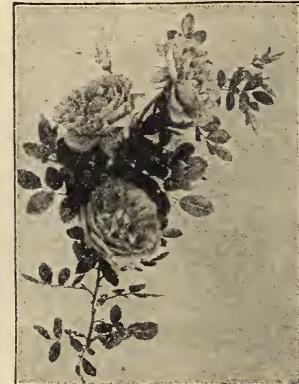
PRairie ROSE (Rosa pratincola). The North Dakota State Flower and the hardiest and prettiest of the several wild Roses of the Northwest. Never grows taller than 2 to 3 feet and assumes a symmetrical bush shape which makes it ideal for low division lines. The large, single, pink blooms are followed by bright scarlet berries of good size. **Each, 35c; 10 for \$3.00.**

HUGONIS (The New Hardy Chinese Rose). This Rose, which has created a sensation since its introduction, is a yellow bush Rose of rapid growth, with exceptionally handsome foliage and bearing an unbelievably heavy blooming of single yellow flowers in June. The foliage turns a bronze-red in Fall so that this is the one rose which is ornamental all season instead of at blossom time only. **Each, 85c; 10 for \$8.00.**

CRIMSON BABY RAMBLER (Dwarf Polyantha). Flowers similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the Summer and flowers are a brilliant crimson in color. **Each, 75c; 5 for \$3.50.**

CRIMSON RAMBLER (Climber). The Crimson Rambler is the hardiest of the climbers and will survive if laid down and covered with earth through the Winter. Grows 8 feet or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. **Each, 75c; 5 for \$3.50.**

ROSA RUBRIFOLIA. This is a perfectly hardy rose especially notable for the color of its stems and leaves, which is a bronze red. It is of particular value as a hedge plant and as a color relief in mixed plantings. **Each, 30c; 10 for \$2.50.**

**Harrison's Yellow****Creepers and Vines****Clematis or Virgin's Bower**

VIRGINIA CREEPER or WOODBINE. Also called five-leaved ivy. One of the most popular and most valuable vines with handsome foliage, and

CLEMATIS or VIRGIN'S BOWER. With its star-like white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

LARGE FLOWERING YELLOW CLEMATIS. This variety, though found native in this section, is very uncommon and is usually considered an Asiatic variety. It is more delicate of foliage and slower of growth than the white but the large yellow blossom is very showy, and the vine is perfectly hardy. Produces a beautiful effect as a porch or trellis vine. **Each, 30c; 10, \$2.50. Postpaid, each, 35c.**

blue berries in the late Summer. The deep red which it takes on in the Fall is especially striking. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

ENGELMANN'S CREEPER (Amp. Engelmanni). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. **Each, 30c; 10, \$2.75. Postpaid, each, 35c.**

NATIVE HOP VINE. This vine is very similar in appearance to the cultivated sort but is harder. A perennial root with new growth each year, which attains a length of 16 feet or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

CHINESE MATRIMONY VINE. Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into Winter. **Each, 15c; 10, \$1.00. Postpaid, each, 20c; 10, \$1.25.**

BITTERSWEET (Celastrus scandens). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in Autumn. The leaves are dense and glossy. **Each, 35c; 10, \$3.00. Postpaid, each, 40c.**

(See also Grape Vines on page 88).

Choice Hardy Peony Roots

Peonies are without doubt the most hardy, beautiful and easily grown perennials of all the flowers grown within the temperate zone and when once planted last a lifetime.

Deduct 5c per root on named sorts if ordered by express.

PIONEER PEONY COLLECTION. This is a bargain seldom equalled. It consists of one each of six of our finest peony roots, two of the best red, two of the best pink, two of the best white as follows: Karl Rosenfield, Felix Crousse, Festiva Maxima, Couronne d'Or, Mons. Jules Elie, and L'Esperance. Price, complete, postpaid, \$5.00.

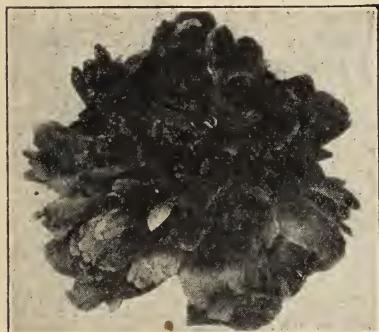
Red Peonies

KARL ROSENFIELD (Red). One of the finer red sorts, comes along in early mid-season. A rich velvet crimson in color with a bloom on every shoot. Blooms large and of the rose type. **One of the richest flowers that we have.** Postpaid, each, \$1.35; 5 for \$6.50.

FELIX CROUSSE (Red). One of the finest of the reds, color a rich ruby, full rose type bloom, late midseason in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. Postpaid, each, 75c; 5 for \$3.50.



Karl Rosenfield



Felix Crousse

Choice Mixed

These are roots from mixed plantings of **fine selected varieties**, most of them being of the sorts which we list separately. We do not furnish special colors. Each, 40c; 10 for \$3.50, postpaid.



Jules Elie

Couronne d'Or (White)

FESTIVA MAXIMA (White). One of the oldest and very finest varieties, and **perhaps the largest of them all.** Pure white with a tinge of crimson at the heart; early, a heavy bloomer. Rose type, perfect for cutting. Postpaid, each, 70c; 5 for \$3.00.

COURONNE d'OR (White). This splendid late white sort is distinctive for the crown or halo of golden yellow anthers which surrounds the heart of the large rose type flower, giving it a most beautiful and distinguished appearance. Pure, creamy white except for the crown. Postpaid, each, 80c; 5 for \$3.50.

Pink Peonies

L'ESPERANCE. A beautiful midseason pink flower of the rose type with an unusually handsome shading of pink. Sturdy, productive and excellent for cutting. Postpaid, each, 60c; 5 for \$2.50.

MONS. JULES ELIE. This is undoubtedly the **finest rose-pink peony in cultivation.** The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Postpaid, each, \$1.

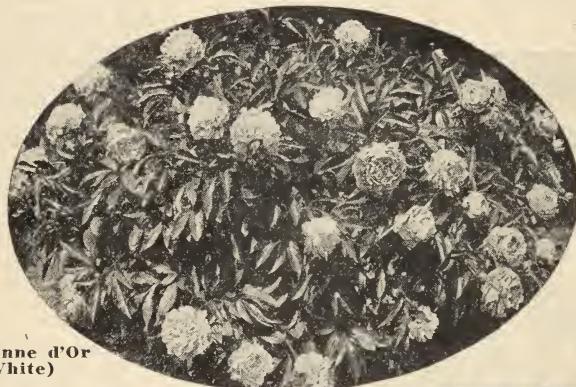
Peony Manual

A first class book on growing and handling peony roots and flowers with information as to fertilizing and dividing; also some account of varieties, colors, etc. Indispensable for the amateur peony grower. Price, postpaid, 50c.

Mons. Martin Cahuzac.

This is the very darkest peony grown, almost black in some lights with a bronze shading. One of the extra fancy sorts which it is impossible to describe. Mid-season, large flower of the rose type and very perfect. Each, \$3.20, postpaid.

White Peonies



Festiva Maxima

Beautiful Hardy Perennial Flowers



Anemone.

NEW ENGLAND ASTER. The darkest purple and richest color of any of our native asters. **Blooms** in late August or early September. Height 3 to 5 ft. with a dense mass of bloom at the top.



Columbine.

Arranged alphabetically. Earliness indicated. This is a selected list including many of our exceptionally beautiful natives. Prices of all perennial roots unless otherwise noted, f. o. b. here, each, 20c; doz., \$2.00. Postpaid, each, 25c; doz., \$2.50.

ANEMONE or WIND- FLOWER, *Anemone canadensis*. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

DAKOTA ASTER, PINK or BLUE. This is the finest of the prairie asters and we are happy to be able to offer it in pink as well as blue this year. Our foreman, Mr. Schubert, discovered a single pink plant several years ago from which our present supply has been propagated. Flowers large with yellow centers, blooms very late, dwarf in habit, 18 to 24 in. high.

ASTER, TALL BLUE. Another native attaining a height of 3 to 5 feet. Very similar in appearance to the beautiful New England aster but with lighter color; tall stemmed with handsome foliage. **Blooms** in late August and September.



Bouncing Bet.

ACHILLEA (The Pearl). One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes. 1½ feet.

BABY'S BREATH, *Gypsophila paniculata*. A very graceful plant blooming in August and September, when it becomes a mass of minute, pure white blossoms, unexcelled for cutting. 2 feet.

TALL BLAZING STAR, *Liatris squarrosa*. This is one of our most beautiful of midseason perennials; purple, feathery flowers borne thickly on a long spike in June and August. 24 to 36 inches.

DWARF BLAZING STAR. This is a small variety of the one previously listed. Very hardy and drought resistant; especially suited to sandy soil. Deep purple flowers on wandlike stems in July and August. 10 to 20 inches.

BLEEDING HEART, *Dicentra spectabilis*. One of the very best old-fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubberies. Quite distinct and very scarce the last few years. **Blooms** in June and July. Each, 65c. Postpaid, each, 75c.

BOUNCING BET, *Saponaria*. An old favorite and one which we have found to be perfectly hardy. 12 to 18 inches high with a close head of white or pinkish white blooms at the top, resembling phlox very closely. **Blooms** throughout most of the Summer. Each, 15c; doz., \$1.50, postpaid.

BOLTONIA. A handsome August blooming native perennial with masses of small white aster-like flowers. Grows from 3 to 5 feet high in a dense clump. Each, 15c; doz., \$1.50, postpaid.

COLUMBINES

RED COLUMBINE or HONEYSUCKLE. This old favorite is native throughout the east and into our state. Loves shady or semi-shady places. **Blooms** from June 1 to July. Height, 18 to 24 inches.

ROCKY MT. COLUMBINE. The beautiful state flower of Colorado, where it grows under the harshest conditions. Few flowers surpass it in beauty. Varies in color from sky blue to very light. **Blooms** in June and July. Height, 18 to 24 inches.

HYBRID COLUMBINES. Varying shades from almost purple through yellows to white, mostly long spurred with drooping flower heads. Same height as others, bloom a trifle later.

LIBERTY BELL COLUMBINE. A native of Montana and Idaho; color yellow, straw color to nearly white. Heavy stem, **blooms** in July. Same height as other sorts.

DELPHINIUM or LARKSPUR (Mixed, Bellamosa and Belladonna.) The classic of the garden with its tall spikes and graceful foliage. One of the hardest and most satisfactory of the old favorites. Grows to a height of 3 to 6 feet and blooms from the last of June through most of the Summer if cared for properly. We are offering three sorts this season. Prices, mixed lavender and blue, 20c each; doz., \$2.00, f. o. b. here; postpaid, each, 25c; doz., \$2.50. Bellamosa Strain, dark blue, here, each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00. Belladonna Strain, pale lavender, here, each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.



Larkspur.

Prices F. O. B. here, 20c each; doz., \$2.00. Postpaid, 25c each; doz., \$2.50, unless quoted otherwise.

BLUE PERENNIAL FLAX. Another beautiful native. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in **JUNE** and **early July** and again in the Fall, 18 to 24 inches.

GAILLARDIA or BLANKET FLOWER. One of the showiest and hardiest of the perennials. **Blooms from July to frost** and presents a mass of red and yellow that is very striking. Valuable for cutting and a good keeper. A close relative of our native gaillardia. 12 to 24 inches high.

GOLDEN GLOW, Rndbeckia. Very free flowering and one of our most attractive Autumn flowering perennials for massing or mixed borders, producing beautiful golden yellow flowers in great profusion from **August until October.** 5 to 6 feet.

GOLDEN ROD. One of the most beautiful and effective of the late flowering plants. **Blooms from August on.** Grows from 18 to 36 inches high with feathery spikes of yellow bloom. There are many sorts but we consider this the finest species. **Each, postpaid, 10c; doz., \$1.00.**

GIANT DAISY. This flower resembles the Shasta Daisy superficially, but is even hardier, requires no Winter protection and will thrive in sun or shade almost equally, but prefers heavy soil. Grows to a height of 4 to 5 feet and bears a cluster of large white daisy-like flowers at the top.

HOLLYHOCK or WALLFLOWER. We have a wonderfully fine stock of this old favorite. It is perhaps more useful than any other perennial. **Blooms in July and August.** Tall growing, it is ideal for a background or screen, and comes in more beautiful shades and colors than any of the other large plants. Unless the tops are cut back after blooming it will not grow again the following year. Height 4 to 8 feet.

Best Mixture, each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50. Choice Double, each, 30c; doz., \$3.00. By mail, each, 35c; doz., \$3.50.

LEAD PLANT or AMORPHA CANESCENS. This is one of our most handsome midsummer blooming native perennials. Grayish green foliage, long spikes of rich purple flowers with golden anthers. 18 inches to 2 feet. **Blooms in late July.**

We offer also the larger *Amorpha fruticosa* this season at regular price. It is also a native with rich spikes of purple and bright green foliage.

LILY-OF-THE-VALLEY. An old favorite, early blooming, shade loving. Of wonderful beauty and fragrance. **Blooms in June.** Height 6 to 12 inches. Clumps,

MEADOW RUE, TALL, Thalictrum. A beautiful native with foliage reminding one both of the columbine and the maidenhair fern. Grows to height of three to four feet, forming a dense clump, and bears tall plumy spikes of delicate and feathery pink, and cream flowers. **Blooms in late June and July.**

MONARDA (Fistulosa) or BEE BALM. This is the western representative of the plant known in the East as Cambridge Scarlet. It is sometimes called horse mint. Bears large and numerous heads of feathery blue flowers with a pleasantly aromatic odor. Comes into flower in **late July and August.** Height 18 to 24 inches.

PASQUE FLOWER, Pulsatilla patens. Sometimes called the prairie crocus. The first flower to come out on our northern prairies in **March or early April**, often while the snow is still on the ground. 6 to 8 inches tall with a delicate, lavender, tulip-shaped bloom, followed by a silvery tuft of a silvery color.

PLATYCODON or CHINESE BELL FLOWERS. We have a stock of both the deep blue and the white sort. With its balloon-like buds and large, handsome bell-like flowers this is a most satisfactory hardy flower. **Blooms in early July.** Height 20 to 30 inches.

PRairie CLOVER, Petalostemum. This is a handsome purple native, the numerous heads coming into blossom in **August.** Very attractive to bees and butterflies. Height 12 to 30 inches, varying with the quality of the soil.

PENTSTEMON GRANDIFLORA. This is one of the very showiest of our native flowers with its large bell-shaped blue or lavender flowers hanging from a long spike. Very hardy, stands dry weather and sandy soil well. **Blooms in early July** and attains a height of 15 to 20 in.

POTENTILLA FRUTICOSA. A shrubby perennial, hardy, drouth resistant, distinctive with its bright green foliage and many bright yellow blooms resembling strawberry blossoms. Valuable as a low shrub in foundation plantings. **Postpaid, each, 30c; doz., \$3.00.**

PRairie CONE FLOWER. This is the hardy and handsome daisy-like yellow plant with the tall cone in the center. It comes into bloom in middle July. We are offering mixed plants of red and yellow.

RIBBON GRASS, Phalaris. This handsome ornamental grass is useful in a dozen places around the garden. With its stripes of light green and white and its bushy habit of growth it is valuable in clumps and beds with many other plants. Height 15 to 25 inches. Good root. **Each, 15c; doz., \$1.50, here. Postpaid, each, 20c; doz., \$2.00.**

Hollyhock.

Platycodon or Bell Flower.



Blue Perennial Flax.



Gaillardia.

Perennial Flowers

Price, F.O.B. here, 20c each; doz., \$2.00. Postpaid, 25c each; doz., \$2.50, unless quoted otherwise.

SPIDERWORT (*Virginia*). An old favorite and a hardy native as well. Grasslike foliage bearing in clusters large brilliant blue flowers which appear about July first. Height about 12 to 15 inches.

SEDUM (*Stolonifera*). This is a beautiful ground cover and rock garden plant. Exceedingly hardy and drouth resistant. Low growing and spreading, it has been used to advantage as a grave cover under severe conditions and has given excellent satisfaction. Suitable also for rocky slopes and terraces.

SHASTA DAISY, *Chrysanthemum Max.* Flowers large, pure white with yellow center, very showy and free-blooming. A fine border plant. Blooms in July. 12 to 18 inches.

MAXIMILIAN'S SUNFLOWER, *Helianthus*. Large single flowers, borne profusely, rich-golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. 5 to 7 feet.

SWEET WILLIAM. Another old favorite, belonging to the pink family. Colors mostly red and white. Blooms in July. 18 to 24 inches high.

TIGER LILY, *Lilium Tigrinum*. Flowers bright deep orange-red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.

DOUBLE TIGER LILY. This resembles the single form but is fully double and of a trifle more delicate shape and appearance. Exceedingly handsome. F. O. B. here, each, 25c; doz., \$2.50. By mail, each, 30c; doz., \$3.00.

BLUE VIOLET. For early Spring the native violets are unsurpassed in beauty. The blue will stand either shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

WHITE VIOLET. The native woods violet, especially suited to shady or partly shaded locations and of great beauty.

YUCCA or **SPANISH BAYONET**, *Yucca Glauca*. Native on dry clay buttes and in the driest possible locations. Very ornamental in its ordinary condition, and unusually beautiful when it blooms in July with its long spike of greenish white bells. Height 12 to 24 inches.



Shasta Daisy



Tiger Lily

Hardy and Handsome Iris

DWARF EARLY

SAMBO, *Pumila*. The earliest of all Iris; a dwarf variety of uncommon beauty which blooms very early in the Spring. Color a rich purple. Especially suited for edging and borders. Each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.20.

ARENARIA. A very early yellow variety; groups well with the Sambo. Each, 20c; doz., \$1.75. By mail, each, 25c; doz., \$2.00.

DARK BLUE PUMILA. This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way. Each, 20c; doz., \$2.25. Postpaid, each, 25c; doz., \$2.50.

WHITE PUMILA. This is another of the extra hardy dwarf type, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. Each, 20c; doz., \$2.25. Postpaid, each, 25c; doz., \$2.50.

SIBERIAN IRIS

Each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.25.

SIBERIAN BLUE. Large, handsome violet-blue flowers blossoming after the flag Iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2 to 3 feet.

SNOW QUEEN. An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

EUROPEAN YELLOW FLAG, *Iris pseudacorus*. This is an exceptionally hardy Iris, valuable more for its size and vigor than for the flowers, which are a pale yellow. The plant attains a height of 3 to 5 feet in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 20c; 12, \$1.75. Postpaid, each, 25c; 12, \$2.00.

GERMANICA or FLAG IRIS

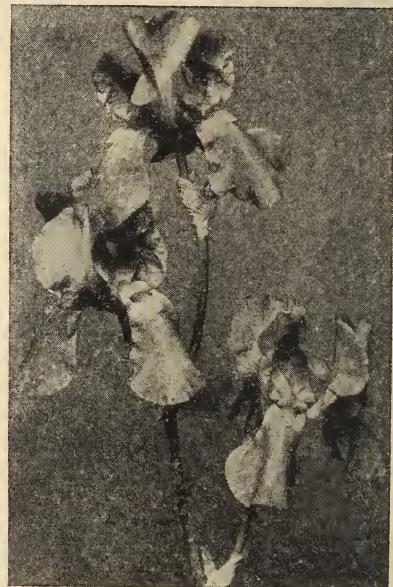
HONORABILIS. A standard German Iris with large and exceedingly handsome blooms of yellow, brown and dark red shading into each other and producing a very striking and beautiful effect. Each, 20c; doz., \$2.00. Postpaid, each, 25c; doz., \$2.25.

SILVER KING. Solid lavender fading to white. Each, 20c; doz., \$2.00. By mail, each, 25c.

FLAVESCENS or **CANARY BIRD**. One of the best, and very conspicuous when planted in a mass. Upright soft, creamy yellow, falls paler cream color, with striped base. Each, 20c; doz., \$2.00. By mail, each, 25c.



Sambo



Honorabilis

COLLECTION OF IRIS ARISTOCRATS. One each of five fancy irises listed below totaling \$1.60 offered in a collection at \$1.25; postpaid, for \$1.40.

QUAKER LADY. This is an odd and unusually beautiful Iris in soft tones; the standards are in smoky lavender and gold; the falls are a combination of blue, yellow and orange. Postpaid, each, 35c; doz., \$3.50.

MONSIGNOR. One of the hardest and strongest and exceptionally handsome. Standards light bluish violet; falls overlaid with deep velvety purple and crimson. Each, 25c; doz., \$2.75. Postpaid, each, 30c; doz., \$3.00.

LOHENGREN. This is one of the handsomest of pink irises. The color is a very soft tone of lilac pink. Each, 25c; doz., \$2.75. Postpaid, each, 30c; doz., \$3.00.

SHERWIN WRIGHT. This flower is a real sensation. The brightest and finest yellow to be found among the irises. Color a deep golden yellow. Each, 30c; doz., \$3.25. Postpaid, each, 35c; doz., \$3.50.

NOOKOMIS. This is a sturdy, tall growing Iris of great beauty. Standards are pale lavender white; falls a dark velvety violet blue with white edging. Each, 25c; doz., \$2.75. Postpaid, each, 30c; doz., \$3.00.

Hardy Raspberries

SUNBEAM RED. This hardy raspberry, originated by Prof. Hansen, has to date proved the hardiest and most satisfactory variety for the Northwest in all our trials. It winter-kills less, and bears more with us than any other sort. Besides being productive the fruit is of good quality, and the bearing season is long, some fruit being borne on the new wood. For ordinary farm conditions it is by far the safest to plant. Price, doz., 30c; 50, \$1.50; 100, \$2.75. By mail, doz., 40c; 100, \$3.00.

CHIEF OR MINN. 223. The wonderful new introduction from the Minnesota State Fruit Breeding Station. Officially christened last summer in appropriate ceremonies at the station and acclaimed as being finer than the Latham, hardier and heavier yielding. Price, doz., \$1.25; 50, \$5.00. By mail, postpaid, doz., \$1.35.



Chief Raspberry.



Sunbeam.

LATHAM RED. This berry is the finest that has been introduced for some years in localities where it is hardy. There are many places in North Dakota and the other Northwestern states where it succeeds, but in general it is not hardy in the Great Plains type of environment. Probably the best commercial berry grown. Price, doz., 50c; 50, \$2.00; 100, \$3.50. By mail, doz., 75c; 50, \$2.25.

PEERLESS CLIMBING RED. This variety was originated by Mr. John Millet, and is a very rapid grower, so much so that it may be trained up in vine shape where room is limited. It produces a fine large berry of unusually good flavor, and bears well on the second growth. Not so generally hardy as Sunbeam but an excellent sort for good soil and in locations that are somewhat sheltered. Fruit is the largest of any sort that we list. Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 50, \$1.90; 10, \$3.50.

TYE BLACK. The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. Doz., \$1.00; 50, \$5.00; 100, \$8.00. By mail, doz., \$1.10.

Hazelnut

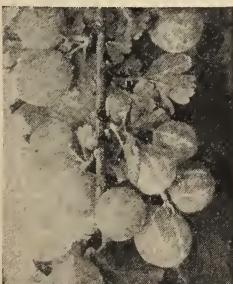
This is the only nut bearing plant native to North Dakota and hardy all over the state. Since our bushes are grown from nuts gathered from wild northern bushes they are likely to be a mixture of both the common species, *rostrata* and *americana*. The hazelnut grows from four to six feet, a dense bush, and the nuts hang on in clusters and may be picked fairly green. Nuts are edible and of good flavor, related to the filbert. Each, 3 to 4 ft., 30c; 10, \$2.50. Postpaid, each, 35c; 10, \$2.75.

Horseradish

Should occupy a place in every garden along with rhubarb and asparagus.

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. Postpaid, doz., 35c. F. O. B. Bismarck, doz., 30c.

COMMON. Old-fashioned sort. Postpaid, doz., 30c. F. O. B. Bismarck, doz., 25c.



Houghton Gooseberry.



Tye Black.

Gooseberries

HOUGHTON. An enormously productive, old variety. Fruit is smooth, pale red, tender and well flavored. Of vigorous growth, slender and spreading. Not subject to mildew. Strong 2-year plants. Doz., \$1.75. By mail, doz., \$2.00.

NATIVE WILD GOOSEBERRY. The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the Spring when the vivid green of its new leaves gives the first seasonal touch to the shrubby clumps; and among the last to go in the Fall at which time it becomes a reddish bronze. Each, 25c; doz., \$2.00. Postpaid, each, 30c; doz., \$2.25.

RHUBARB ROOTS. These will be found quoted on page 31.

ASPARAGUS ROOTS. These will be found listed with prices on page 11.

STRAWBERRIES



PROGRESSIVE EVERBEARING (Perfect flowering). After many years of testing the Progressive still holds first place as the best everbearing strawberry for the Northwest. We have decided to drop the Mastodon as each year seemed to show up more defects of hardi-

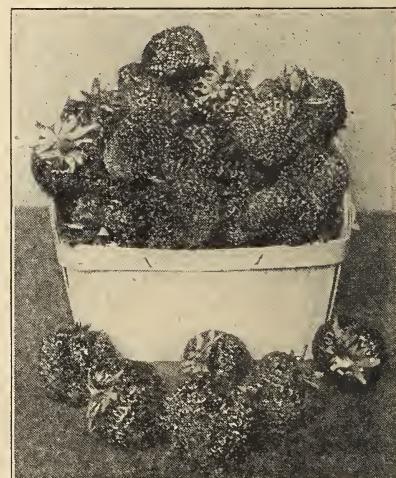
ness, and to sell only the Progressive this year. It is very productive, very hardy and gives the best satisfaction of any of the many sorts we have tried. Keep blossoms picked off during the spring in which plants are first set out if you wish a good fall crop.

SEN. DUNLAP. June Bearing (Perfect Flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bri., a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning.

Currants

PERFECTION. Greatest of all Currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. Prices, each, 20c; doz., \$2.25. By mail, each, 25c; doz., \$2.50.

CHERRY CURRANT. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep red and rather acid. Very productive. Doz., \$2.10. By mail, each, 25c; doz., \$2.35.



Senator Dunlap.

NATIVE BLACK. *Ribes Floridum.* We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. Each, stocky, 25c; doz., \$2.50. By mail, each, 30c; doz., \$3.00.

Hardy Grape Vines

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. Doz., \$2.10. By mail, each, 25c; doz., \$2.35.

NATIVE WILD GRAPE. *Vitis riparia.* To insure fruiting several should be planted. This is one of the most satisfactory wild fruits for cultivation. A small arbor planted with about a dozen vines will produce several bushels of grapes. The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. 3-year plants, each, 20c; 10, \$1.60. Add 5c per plant or 20c for ten if postpaid.

BETA GRAPE. It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise Winter covering. The berries are blue black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. Strong plants, each, 30c; doz., \$3.00. Postpaid, each, 35c; doz., \$3.25.

ALPHA. This is the new hardy grape which is proving equal even to the Beta. In some North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grapes. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. Each, 30c; doz., \$3.00. Postpaid, each, 35c; doz., \$3.25.



A Wild Grape Arbor.



Alpha Grape.

We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods.

Progressive. 25, 75c; 50, \$1.40; 100, \$2.40; 1,000, \$22.00.

Senator Dunlap. 25, 45c; 50, 80c; 100, \$1.25; 1,000, \$11.00.

Hardy Apple and Crab Apple Trees

Budded or Grafted on Siberian Crab or Pyrus Baccata Roots.

More than fifteen years of success at the U. S. Great Plains Experiment Station at Mandan have demonstrated that both apples and plums may be raised under the climatic conditions of the western prairies if they are grown in bush form on hardy roots. **We were the first to recognize that hardy stocks and low heading trees must be used and the first to grow and offer them.**

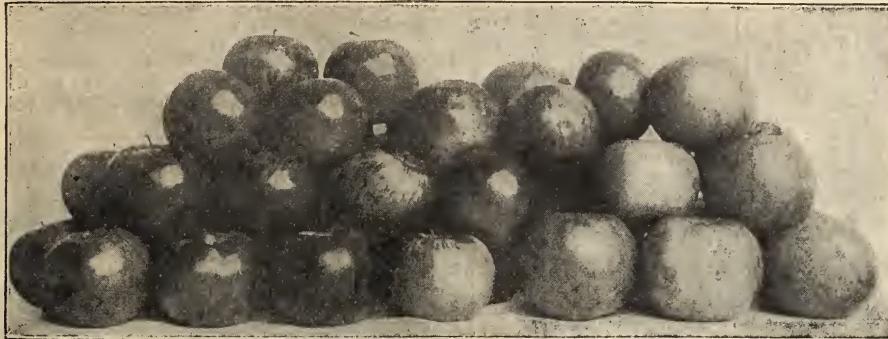
Apples and Crabs are 3 to 4 ft., young and bushy stock. Smaller sizes used for mailing.

PIONEER APPLE AND CRAB COLLECTION. This bargain collection consists of one each of the following outstanding extra hardy and high quality apple and crabapple trees. They are the best of the standard and new introductions.

ANOKA—HARALSON—WEALTHY—HYSLOP CRAB—WHITNEY—DOLGO

Value, \$3.20

SPECIAL PRICE, \$2.75



Wealthy Apples.

WEALTHY. October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy, upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating Apple and one that keeps well in storage. Each, 45c; 10, \$4.00.

ANOKA. The test of years is proving the Anoka to be the most important Apple introduction for the Great Plains that has yet come from the laboratory of the Northwest's Burbank, Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. The fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. Each, 65c; 5, \$3.00.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. Each, 45c; 5, \$2.00.

HARALSON. A Real Winter Apple. This new sort is another one of the triumphs of the Minnesota Fruit Breeding Station. A strong, upright tree, resistant to fire blight, bears early and yet the fruit keeps until long into the Spring in perfect condition. Bears a good crop of large, handsome red Apples. Each, 60c; 5, \$2.75.

PATTON'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest. A good eating and cooking Apple. Each, 45c; 10, \$4.00.

RED WING. One of the new Minnesota varieties which we are very fortunate in being able to offer this year, on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long-felt want in the Northwest of an entirely hardy Winter Apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine grained, juicy flesh. Each, 55c; 5, \$2.50.

Remember that our apples are grafted and budded on the hardiest apple roots in the world, and are grown in North Dakota.



Anoka Apple.

Very much pleased with your Apple Collection so inclosed find another order for six more trees.
—Geo. Oelschläger, Box 149, Monarch, Wyoming.

Order No. 34755

The Apple and Plum trees that I got from you this spring are all growing fine. Also the Grape vine.—Mrs. P. R. Stene, Mohall, N. D.

Several years ago I bought a number of fruit trees and a couple of grape vines of your firm. Am glad to state that they have done exceptionally well and all the plums are bearing. I bought other trees from other nurseries but the trees I buy from you are the only ones that live.—E. P. Goedieke, DuNoir, Wyo.

Hardy and Prolific Crab Apples

The hardy crabs are without doubt one of the very surest fruit crops for the Northwest, particularly if they are allowed to grow in bush form.



Whitney and Hyslop Crabs (Smaller Ones).

WHITNEY CRAB. August to September. A hardy, thrifty upright grower. Excellent flavor even to eat out of the hand. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for pies. Each, 45c; 10, \$4.00.

HYSLOP CRAB. September to November. A small, late, dark red crab. It is very hardy, a good yielder and one of the most popular varieties. Each, 45c; 10, \$4.00.



Siberian Crab.

SIBERIAN CRAB. This is one of the very hardiest of the crab family, being a cultivated selection from the wild crab of Siberia. The fruit is small, tart, and juicy, ripens in mid-August and yields very heavily. The tree is of handsome shape and reaches considerable size, one of ours being 30 feet tall with a trunk a foot or more in diameter. Each, 50c; 10, \$4.50.

We have never before listed a pear as we have never found one which could be considered really hardy in the Northwest. However, we have come to the conclusion after considerable investigation that the Mendel is hardy enough for trial and will undoubtedly succeed in many localities. It has survived at the Northern Great Plains Station at Mandan over a period of several rather severe years.

Mendel is a real, good sized pear of very fair quality and showing great resistance to blight as well as hardiness against cold.

We are fortunate to be able to offer a limited number of 3 to 4-foot trees. Price, each, 75c; 3 for \$3.50.

Mendel Pear



Mendel Pear.

Mrs. Ed. Pendleton, Camp Crook, S. D., 4547:
All the fruit trees I purchased from you last year lived and did fine.

Received the nursery stock in good order. Have remarkably good results. Your plants sure grow.
F. L. SIGMUND, Moorestown, New Jersey, R. 3.

Plums and Plum Hybrids

The Latest Hardy, High Class Varieties for the Northwest

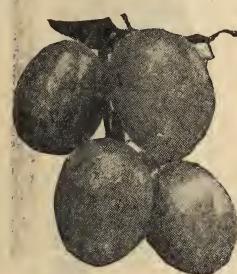
SPECIAL BARGAIN COLLECTION OF BEST PLUMS. We offer one of each of the following best selections from our list of plums:

CREE—RADISSON—UNDERWOOD—NATIVE—OPATA—SAPA

Value \$3.45—SPECIAL PRICE \$3.00

OPATA. A plum-sandcherry cross, should be headed low and the old wood trimmed out as it bears on young wood. An origination of Professor Hansen and one of his most popular ones. A cross between Sandcherry and Gold Plum. Fruit dark red with a blue bloom, early, flesh green with a delicious flavor. Ready to pick in mid-August. Price, each, 50c; 5 for \$2.25.

SAPA. A similar cross to Opata, between sandcherry and Japanese Plum. A couple of weeks later than Opata but of the same habit of growth and should be handled in the same way. The fruit is dark purple, and the flesh is a purplish red which makes it exceptionally attractive particularly when canned. Winterkills at the ends of the branches sometimes but this does not unduly affect production. Price, each, 50c; 5 for \$2.25.



Underwood



Radisson

to hardiness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. 3 to 4 feet. Each, 35c; 10, \$3.00.

CREE. The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the North, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the *Prunus Nigra* of Manitoba and the Shiro plum. 3 to 4 feet. Each, 70c; 5 for \$3.25.

I got two Tom Thumb Cherries from you last year, and one of them bore 7 Cherries the first year. All fruit trees I got from you are doing fine. Canned 65 qts. from plums and cherries I got from you four years ago.

ED STEEGE, Burns, Wyo.



Opata Plum

UNDERWOOD. This is one of the hardiest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the American type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in midseason. 3 to 4 feet. Each, 70c; 5 for \$3.25.

RED WING. This is one of the largest fruited plums of the new introductions from the Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet and of good quality; freestone. Midseason bearer. 3 to 4 feet. Each, 70c; 5 for \$3.25.

WANETA. This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer, and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in midseason and is of excellent flavor. Fine healthy, 3 to 5 ft. trees, each 70c; 5 for \$3.25.

RADISSON. This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardiest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. 3 to 4 feet. Each, 70c; 5 for \$3.25.

NATIVE WILD PLUM. Ironclad as



Cree Plums

CHERRIES and CHERRY HYBRIDS

The Best Suited of All Fruits to the Northwest

SPECIAL COLLECTION OF DELICIOUS, HARDY CHERRIES

We offer one each of the following varieties:

COMPASS—ZUMBRA—OKA—CHAMPA—ST. ANTHONY—NICOLLET
WESTERN SAND CHERRY—WESTERN CHOKECHERRY

Total value \$3.60. SPECIAL PRICE \$3.00



Sand Cherry



Western Choke-cherry



2 year Compass Cherry. Note early bearing habit

COMPASS. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year it is set, and is quite certain to bear a good crop annually thereafter. The fruit, which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price, each, 3 to 5 ft., 50c; 5 for \$2.25.

WESTERN CHOKECHERRY—PRUNUS MELANOCARPA. This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce, being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting, and a handsome ornament. 4 to 6 ft., each, 25c; 10, \$2.00. 6 to 8 ft., each, 30c; 10, \$2.50. 6 to 12 in. seedlings, per 100, \$2.50.

SAND CHERRY or ROCKY MOUNTAIN CHERRY. This is a native bush cherry; wonderfully productive and very hardy. This fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. Each, 30c; \$2.50 per 10; 6 to 12 in. seedlings, per 100, \$3.00.

ST. ANTHONY. This is a Minnesota Fruit Station production similar to the Zumbra in many ways. It is a trifle larger than Zumbra and has a dark red flesh where that has green flesh. Ripens in late August. Each, 2 to 3 ft., 50c; 5 for \$2.25.

TOM THUMB. Another production of Prof. Hansen and one which is meeting with unusual favor in Canada. It is a cherry growing on a bush, and may be planted like currants and gooseberries. Begins to bear the second year and produces tremendous crops of cherries about the size of Compass but black in color and with dark red flesh like the Sapa. Each, 2 to 3 ft., 50c; 5 for \$2.25.

NICOLLET CHERRY. A relative of Zumbra and St. Anthony, but more like the pie cherry. Color is a cherry red, size that of a cherry, and flavor when cooked for sauce or used in pies just about that of the regular pie cherry. Small pit which is easily squeezed out. Each, 2 to 3 ft., 55c; 5 for \$2.50.

ZUMBRA. This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Each, 2 to 3 ft., 50c; 5 for \$2.25.

OKA CHERRY. This is the outstanding Hansen production of recent years. Introduced a few years ago it has gained an enviable name for itself both in this country and Canada. A sand cherry hybrid, bushy but larger than Tom Thumb, it bears early and heavily. The fruit is the largest of the bush cherry type, dark red in color with reddish flesh, and of delicious flavor. The fruit hangs to the tree for a long time after ripe and dries instead of decaying. Altogether it is a fruit that will take a very high place on account of its combined good qualities. Each, 2 to 3 ft., 55c; 5 for \$2.50.

CHAMPA. This is a handsome bush about the size of the common sand cherry and bears in great profusion a fairly early ripening black fruit very similar to the Tom Thumb cherry, but with a greenish flesh. It is a delicious fruit to eat from the hand and excellent for sauce. This is one of Prof. Hansen's productions. Each, 2 to 3 ft., 50c; 5 for \$2.25.

PRUNUS TOMENTOSA—CHINESE BUSH CHERRY. This is a handsome ornamental and one of the finest fruited cherries of recent introduction. The fruit is a bright red, slightly smaller than a pie cherry, but with the flavor of a real sweet cherry. Exceedingly hardy. Each, 60c; 5 for \$2.75.



Oka Cherry

Insecticides for All Purposes

Prices Subject to Change. Ask for Prices on Large Lots. All Prices F. O. B. Bismarck Unless Otherwise Stated.



ITEMS BELOW ARE MAILABLE

ACME GARDEN GUARD. A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices, F. O. B. Bismarck, 1-lb. sifter carton, 20c; 5 lbs., 75c. Postpaid, 1 lb., 25c; 5 lbs., 90c.

EVERGREEN. Non-Poisonous Remedy for *Aphis*. This is one of the most valuable of recent introductions, giving us a safe remedy for that most difficult pest, the *aphis* or plant louse. Useful against plant lice, rose beetle, red spider, squash beetles, cabbage worms, cut worms, potato bugs, and all similar pests. Can be sent by mail, 1-oz. bottle makes 4 to 6 gallons of spray, 35c here or 40c, postpaid. 6 ozs. make 30 to 35 gallons, \$1.00 here or \$1.10, postpaid. Larger sizes quoted on request.

HAMMOND'S SLUG SHOT. One of the very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on page 83. F. O. B. Bismarck, 1 lb., 25c; 5-lb. pkg., 75c; 10 lbs., \$1.50. By mail, add your zone postage.

LIME SULPHUR. One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. 1 lb., 30c; 5 lbs. at 25c per lb.

SULPHUR-TOBACCO SOAP. Combines the qualities of tobacco and an oily emulsion which **no insect can withstand**. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3-oz. cake, 15c; 8-oz. cake, 30c.

FISH or WHALE OIL SOAP. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smeared on trees will prevent the ascent of worms. A remedy against *aphis*. Postpaid, 1-lb. cake, 30c.

CARCO. This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

TOBACCO DUST. An excellent remedy against all kinds of *aphis* or plant lice. Per lb., by express, 15c; 5 lbs., 50c. Postpaid, 1 lb., 25c.

RID-O-RATS, NON-POISONOUS. This is a new preparation which, while very destructive to rats and mice, is not injurious to cats, dogs, poultry, livestock or human beings. It is applied on baits like the more dangerous mixtures. 2-oz. pkg., enough for 100 to 175 baitings, 60c, postpaid.

CORONA TREE WOUND DRESSING. For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, qt. can, 75c; postpaid, 85c.



ITEMS BELOW ARE NOT MAILABLE

PARIS GREEN. The old reliable. Unmailable. 1/4 lb., 20c; 1 lb., 45c; 4-lb. bag at 40c per lb., larger lots at same price.

ACME ALL ROUND SPRAY. The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices, 1/4 lb., 35c; 1/2 lb., 45c; 1 lb., 85c.

BLACK LEAF 40. The old reliable nicotine spray for *aphis* of all kinds on plants, trees and shrubs. Also excellent to rid poultry and poultry houses of lice. An increasing use to which it seems especially adapted is as a sheep dip. Price, 1-oz. bottle (makes 6 gallons), 35c; 8-oz. bottle, \$1.40.

BORDEAUX MIXTURE. This is the only remedy against fungous diseases such as rusts, blights, mildew, etc., in shrubs, plants and trees. 1 lb., 40c; 4-lb. bag, \$1.40. Unmailable.

ACME LONDON PURPLE. A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage. For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects. Prices, 1/4 lb., 20c; 1 lb., 40c; 4 lbs., \$1.50.

ARSENATE OF LEAD. Rapidly coming to the front as a spray for potatoes. Powder form. Unmailable. 1/2 lb., 25c; 1 lb., 40c; 4-lb. bag at 38c. Larger lots at same figure.

BAIT M. For Cut Worms. An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Price, 1 lb., 35c; 3 lbs., 70c.

ANTROL Destroys Ants Around House and Garden. This is a specially prepared set of containers to which the ants are attracted and which by means of a slow poison not only kills those eating from the containers, but is carried back to the tunnels and fed to the rest of the colony. Price, Antrol set, \$1.00; extra syrup bottles, each, 50c.

CORONA COPPER CARB. The most popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the Winter without any injury to it. Two ounces treats one bushel seed. Comes in 5-lb. cartons at 20c per lb. here.

CARBOLA. The Disinfecting White Paint and Dusting Powder for Insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. Does not flake or peel off. One pound covers 100 square feet. Agricultural colleges and experiment stations highly recommend it for cleanliness and prevention of disease in poultry houses, etc. 5-lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00.

Stock and Poultry Remedies

BOOK ON "CURE & TREATMENT OF STOCK & POULTRY" BY DR. LEGEAR, FREE ON REQUEST.

POSTPAID

KAMALA PILLS. These are especially recommended for turkeys. Pkg., \$1.10.

NICOTINE PILLS. Contain nicotine sulphate, much recommended. Pkg., \$1.10.

POULTRY WORM POWDER. A new and very popular preparation. Pkg., \$1.10.

WHITE DIARRHOEA REMEDY. Pkg., 60c.

ANTISEPTIC HEALING POWDER. For wire cuts, saddle and collar galls. Pkg., 35c.

POULTRY POWDER. A wonderful tonic, appetizer and conditioner. Pkg., 30c.

LICE KILLER. In sifter top cans. Pkg., 30c.

HEAD LICE REMEDY. A salve. Pkg., 35c.

NOT POSTPAID

STOCK POWDERS. Mineral and vegetable ingredients compounded to produce an effective tonic and conditioner for cows, hogs, etc. 25-lb. pail, \$3.00. (Also small pkg., 30c, postpaid.)

STOCK DIP. For Sheep and Cattle. 1-qt. can, 65c; per gallon, \$1.75.

LINIMENT. For sprains, bruises and sore muscles. Good for man or beast. Bottle, 35c.

Will's Pioneer Brand Feeds

We wish to call especial attention to our own line of prepared poultry feeds and mashes. We have selected the best formulas recommended by the State Experiment Stations of the Northwest, and compound them of the highest grade materials, with the utmost care.

Send For Our Blue Feed Lists—Issued As Prices Change
All Prices F. O. B. Bismarck Unless Otherwise Noted

PIONEER BRAND GROWING MASH. This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for the market. Please remember that our mashes are compounded from experiment station formulas. 25 lbs., \$1.00; 100 lbs., \$3.75.

PIONEER BRAND EGG or LAYING MASH. A ration of this feed adds greatly to egg production, especially in Winter. 25 lbs., \$1.00; 100 lbs., \$4.00.

PIONEER BRAND MILK MASH. To promote healthy and rapid growth of chicks, and for fattening. 25 lbs., \$1.00; 100 lbs., \$3.75.

TURKEY STARTER. With the ever increasing turkey production in our territory there has arisen an extensive demand for a feed for young turkeys, and we are this year offering a mash compounded by the same careful methods and from the same carefully chosen formulas as our other mashes. 25 lbs., \$1.25; 100 lbs., \$4.50.

PIONEER BRAND BABY CHICK FOOD or CHICK STARTER. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. Lb., 4c; 100 lbs., \$3.75.

PIONEER BRAND CHICK FOOD. To be fed after three weeks old and until chicks are able to eat whole grain. Lb., 3½c; 100 lbs., \$3.00.

PIONEER BRAND SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 100 lbs., \$2.25.

We do not place any cod liver oil in our mixtures as it may cause them to spoil quickly. However, much better results follow if cod liver oil is used with the mashes, mixing as you use it.

NOPCO COD LIVER OIL. This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 85c; 1 gal., \$3.00. Postpaid, 1 qt., \$1.00.

PILOT BRAND CRUSHED OYSTER SHELLS
We have a good supply this year. 10 lbs., 25c; 100 lbs., \$1.65.

BONE MEAL. A conditioner required for perfect health. 5 to 50 lbs., at 6c per lb., here; 100 lbs., \$5.00.

ROLLED OATS. For poultry and stock food and of use in compounding mixtures. 90-lb. sack, \$3.85.

MEAT AND BONE SCRAPS. 25-lb. sack, \$1.25; 100 lbs., \$3.75.

DIGESTER TANKAGE. A very necessary conditioner for hogs. 100 lbs., \$3.75.

ALFALFA MEAL. By express or freight, 10 lbs., 50c; 25 lbs., 75c; 100 lbs., \$2.00.

OIL MEAL. Linseed and Cottonseed. 10 lbs., 60c; 100-lb. sack, \$3.50. Ask for prices on larger amount.

CALF MEAL. Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it.

25-lb. sack, \$1.75; 50-lb. sack, \$3.00; 100 lbs., \$5.00.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. F. O. B. Bismarck, 1b., 20c; 10 lbs., \$1.50.

CHARCOAL. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 50-lb. sack, \$2.50.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$2.00.

PEARL LIMESTONE GRIT. The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. 25 lbs., 50c; 100 lbs., \$1.65; ton, \$32.00.

MINERAL MIX. This is a mineral for mixture in hog, sheep and cattle rations. So much has been said of its value in farm papers and bulletins that we do not need to go into the matter. 25 lbs., \$1.00; 100 lbs., \$3.00.

Jersee Milk Food-Feed calves without milk-12 lb. pkg. \$2.75; 25 lbs. \$5.25; 50 lbs. \$9.50; 100 lbs.

\$18.00

A whole dried milk compound useful alike for poultry, calves and young pigs. One pound of the Compound to 5 to 10 pounds of

corn, ground feed or other feed is used, depending on the type of feed you desire. Takes the place of all milk for the calf.

Baby Chicks

For the first time we are able to quote advance prices on high grade baby chicks. These will be shipped for us direct to purchaser, all charges paid, from one of the best hatcheries in the Northwest. All chicks lost up to 10 days' old will be replaced. A down payment of \$1.00 per 100

Breed
is required, balance to be C. O. D. if desired. A full and more complete price list will be sent on request. Prices quoted are for delivery March 1 to May 15; for delivery before March 1, add \$1.00 per 100.

Breed	Price 50	Price 100
WHITE LEGHORN, AM. STRAIN	\$ 7.00	\$12.00
BUFF LEGHORN	7.00	12.00
MIXED PURE BREDS	5.00	10.00
MIXED PURE BRED HEAVIES	7.00	12.00
BARRED ROCKS	8.00	15.00
WHITE ROCKS	8.00	15.00
BUFF ORPINGTONS	9.00	16.00
ROSE COMB R. I. RED.	9.00	16.00
LIGHT BRAHMA	11.00	20.00

Poultry Supplies

REVENGE LICE KILLER. No dusting required. Merely sprinkle about the pen or house, and roosts, unless the lice are very bad when it should be applied direct to the birds. A disinfectant which will prevent diseases to quite an extent. Lice begin to die within 4 minutes of use. **Small package, 75c, postpaid; larger size, \$1.10.**

EVAPOMETER. An instrument to indicate the percentage of moisture in the incubator. **THIS MACHINE WILL SAVE THE EGGS IN THE INCUBATOR**, and give a very much higher hatch. Do not guess, but know what your moisture is. **Price, \$1.00, postpaid.**

GLASS JAR DRINKING FOUNTAINS. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. **Price, postpaid, 20c. Not postpaid, 15c.**

INCUBATOR THERMOMETER. This is the most

convenient, most accurate and altogether most satisfactory thermometer that we have seen, and takes up the least tray room. **Each, \$1.00, postpaid.**

NO. 39 POULTRY PUNCH. Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. **Each, 55c, postpaid.**

Prices on Incubators and Brooders sent on request.

BLACK LEAF 40. See page 95 for price. Spray on roosts and destroy lice.

CHAMPION LEG BAND. Aluminum. Numbered from 1 to 100. **Price, 25 set, 20c; 100 set, 85c, postpaid.**

KEYRING CELLULOID LEG BANDS. Different colors. **Doz., 20c; 100, 80c, postpaid.**

EXCEL CORN POPPER. Takes all the tired muscles and burned faces out of popping corn. Made both for use with any **coal stove** or with attachment for electricity. Pops quickly and completely, put in a handful of popcorn and the popper does the rest. **Price, postpaid, equipped with heating unit and plug to screw into socket, \$2.15. Plain popper for use with coal, oil or gas stove, 65c.**

"NEPONSET" WATERPROOF PAPER FLOWER-POTS. Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard as the paper is creosoted. **Postpaid, 3-inch size, 30c per doz.; \$1.50 per 100; \$12.00 per 1,000.**

HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS. The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together in a box, fill with dirt and put in the plant. These have about twice the capacity of round pots the same size. Bands, $2 \times 2 \times 2 \frac{1}{2}$ inches, **package of 250, \$1.50, postpaid.** Bands, $3 \times 3 \times 3$ inches, **package of 250, \$2.00, postpaid.** Pots, $3 \times 3 \times 3$ inches, **package of 250, \$2.25, postpaid.**

GATOR HIDE PAPER MULCH. The newest thing in gardening. Cover the ground between rows of vegetables with mulch paper, save hoeing and cultivating, and harvest bigger and better crops with much less labor. Mulch paper comes in rolls 450 feet long and in rolls 18 and 36 inches wide. **Price, 18 inches, \$4.25; 36 inches, \$8.50, F. O. B. here.**

THE CYCLONE SEED SOWER. To broadcast Grain, Grass and Clover Seed. Also to Seed Onion and Rutabaga. The machine is so simple in construction and so perfect in operation that even a boy can operate it. It will sow clover, timothy, wheat, oats, rye, buckwheat, Red Top, turnip, millet, alfalfa and all other farm seeds perfectly even and in any desired amount to the acre and from thirty to sixty acres per day. Full instructions and directions on every machine. **Price, each, \$2.15, postpaid. F. O. B. Bismarck, \$2.00.**

ACME POTATO PLANTER. All steel with basket tube to drop into. **Price, \$2.75 each, F. O. B. Bismarck.**

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. **Price, \$2.00, F. O. B. Bismarck.**



LANG'S HAND WEEDER. The ideal tool for the flower bed or small garden. A necessity to every gardener. **Price, postpaid, 25c each; \$2.50 per doz.**

HAND GARDEN TROWELS. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. **Price, each, 80c, postpaid.**

Sprayers and Dusters

Prices on repairs and large sprayers on request.

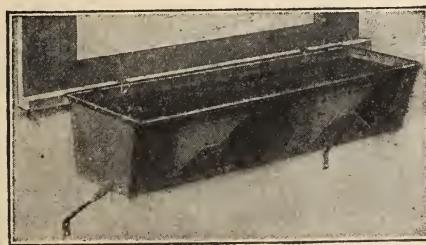
ONE QUART GLASS JAR SPRAYER. This is a substantially built and very satisfactory small machine. **Price, F. O. B. Bismarck, 60c.**

LEADER. This is a well built machine with a capacity of 4 gallons. Not quite as strongly built as the two below but better than most of the ordinary articles on the market. **Price, F. O. B. Bismarck, \$4.00.**

PERFECTION. This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. **Price, \$6.50, F. O. B. Bismarck. With brass tank, price \$10.00.**

JUNIOR. A smaller knapsack type; capacity $2 \frac{1}{2}$ gallons; built as sturdily in every way. **Price, \$5.00, F. O. B. Bismarck. With brass tank, \$8.00.**

MAJOR DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. **Price, F. O. B. Bismarck, \$1.15; postpaid, \$1.25.**



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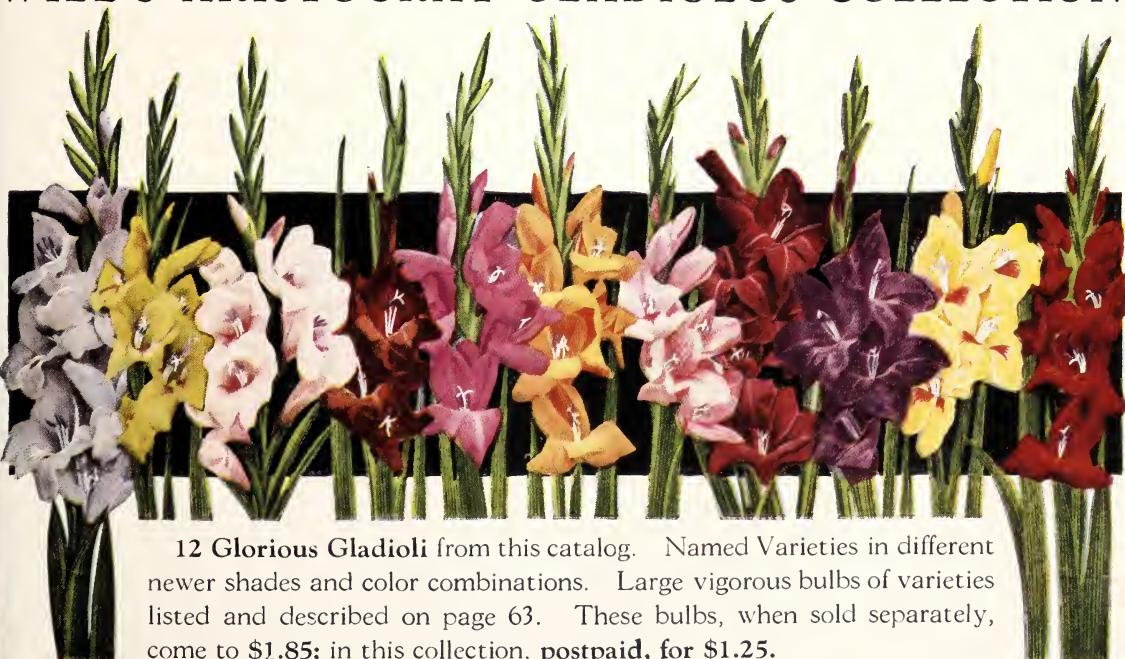


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